

TECHNOLOGY BUILDING
LEVEL 4 CLASSROOM REMODEL

SALT LAKE COMMUNITY COLLEGE
4600 SOUTH REDWOOD ROAD
TAYLORSVILLE, UTAH

DFCM PROJECT NO. 06057660



State of Utah— Department of Administrative Services

**DIVISION OF FACILITIES CONSTRUCTION
AND MANAGEMENT**

4110 State Office Building / Salt Lake City, Utah 84114 / 538-3018

October 31st, 2006

State of Utah
Department of Administrative Services

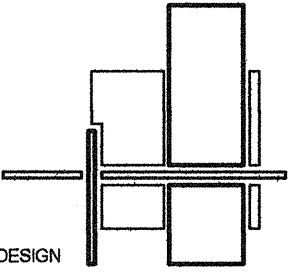
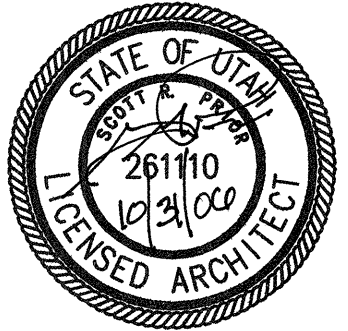
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BUILDING NAME:

SALT LAKE
COMMUNITY COLLEGE
TECH BUILDING LEVEL 4
CLASSROOM REMODEL
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REDWOOD ROAD
TAYLORSVILLE, UTAH

PROJECT TITLE:

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TAYLORSVILLE, UTAH
TECH BUILDING LEVEL 4
CLASSROOM REMODEL

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: 31st October, 2006

DFCM PROJECT NO: 06057660

CAD PROJECT NO:

CAD DWG FILE:

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SHEET TITLE

COVER SHEET

SHEET NUMBER

A-G1000

SHEET 1 OF 17

TECHNOLOGY BUILDING LEVEL 4 CLASSROOM REMODEL

SALT LAKE COMMUNITY COLLEGE
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TAYLORSVILLE, UTAH
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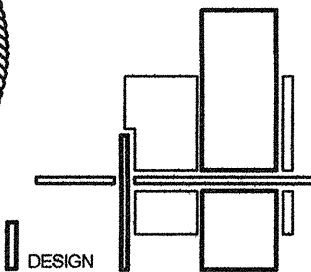
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INDEX SHEET

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A-G1001

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ABBREVIATIONS

Reference to materials or methods have been made on the drawings in accordance with the following abbreviations:

#	NUMBER	GWB.	GYPSUM WALL BOARD
FEET		GYP. BD.	GYPSUM WALL BOARD
INCHES		HC.	HANDICAPPED
AND		HDW.	HARDWARE
AT		H.M.	HOLLOW METAL
DIAMETER		HORIZ.	HORIZONTAL
ADJ.	ADJUSTABLE	HR.	HOUR
AFF.	ABOVE FINISH FLOOR	HT.	HEIGHT
ALUM.	ALUMINUM	HVAC	HEATING/VENTILATION/
ASTM	AMERICAN SOCIETY FOR		AIR CONDITIONING
	TESTING MATERIALS	HYD.	HYDRANT
ATS	AUTOMATIC TRANSFER	I.D.	INSIDE DIAMETER
	SWITCH	INFO.	INFORMATION
BD.	BOARD	INSUL.	INSULATION
BITUM.	BITUMINOUS	LAV.	LAVATORY
BLDG.	BUILDING	LT.	LIGHT
B.M.	BENCHMARK	MATL.	MATERIAL
B.O.	BOTTOM OF	MAX.	MAXIMUM
BRG.	BEARING	MECH.	MECHANICAL
BTWN.	BETWEEN	MFR.	MANUFACTURER
CER.	CERAMIC	MIN.	MINIMUM
CJ.	CONSTRUCTION JOINT	MISC.	MISCELLANEOUS
CLG.	CEILING	M.O.	MASONRY OPENING
CLR.	CLEAR	MTL.	METAL
CMU	CONCRETE MASONRY UNIT	NIC.	NOT IN CONTRACT
COL.	COLUMN	NO.	NUMBER
CONC.	CONCRETE	N.T.S.	NOT TO SCALE
CONT.	CONTINUOUS	ON C.	ON CENTER
CONST.	CONSTRUCTION	O.D.	OUTSIDE DIAMETER
COORD.	COORDINATE	O.H.	OVERHEAD
CTJ.	CONTRACTION JOINT	OPP.	OPPOSITE
DBL.	DOUBLE	PART.	PARTITION
DPW.	DIRECTOR OF PUBLIC WORKS	PERP.	PERPENDICULAR
DIA.	DIAMETER	PL.	PLATE
DPG.	DUGWAY PROVING GROUND	PNTD.	PAINTED
DTL.	DETAIL	PSI	POUNDS PER SQUARE INCH
DWGS.	DRAWINGS	R.D.	ROOF DRAIN
EA.	EACH	RAD.	RADIUS
EJ.	EXPANSION JOINT	REINF.	REINFORCED
ELEV.	ELEVATION	REQ'D	REQUIRED
EQ.	EQUAL	RET.	RETURN
E.S.	EACH SIDE	REV.	REVERSED
EXIST.	EXISTING	RM.	ROOM
EXPAN.	EXPANSION	R.O.	ROUGH OPENING
EXT.	EXTERIOR	SCHED.	SCHEDULE
E.W.C.	ELECTRIC WATER COOLER	SHR.	SHOWER
F.D.	FLOOR DRAIN	SHT.	SHEET
FDN.	FOUNDATION	SIM.	SIMILAR
F.E.	FIRE EXTINGUISHER	SPEC.	SPECIFICATION
F.E.C.	FIRE EXTINGUISHER CABINET	STD.	STANDARD
F.F.	FINISH FLOOR	STR.	STRUCTURAL
FIN.	FINISH	SUSP.	SUSPENDED
FLR.	FLOOR	THRU	THROUGH
F.L.	FLOW LINE	T.O.	TOP OF
FTG.	FOOTING	T.O.A.	TOP OF ASPHALT
GA.	GAGE	T.O.C.	TOP OF CURB
GALV.	GALVANIZED	T.O.F.	TOP OF FOOTING
GF-CI	GOVERNMENT FURNISHED	T.O.S.	TOP OF SLAB OR SIDEWALK
	CONTRACTOR INSTALLED	T.O.W.	TOP OF WALL
GF-GI	GOVERNMENT FURNISHED	TYP.	TYPICAL
	CONTRACTOR INSTALLED	VERT.	VERTICAL
GI.	GALVANIZED STEEL	VEST.	VESTIBULE
GND.	GROUND	W.	WITH
GOVT.	GOVERNMENT	WD	WOOD

DESIGN TEAM

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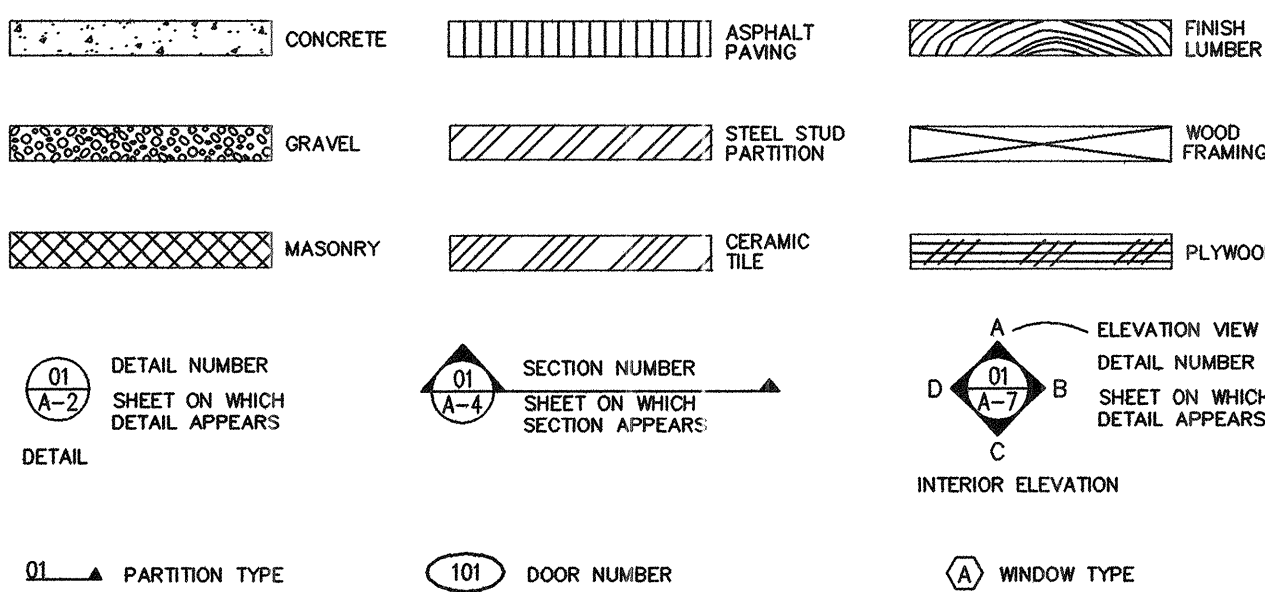
MECHANICAL

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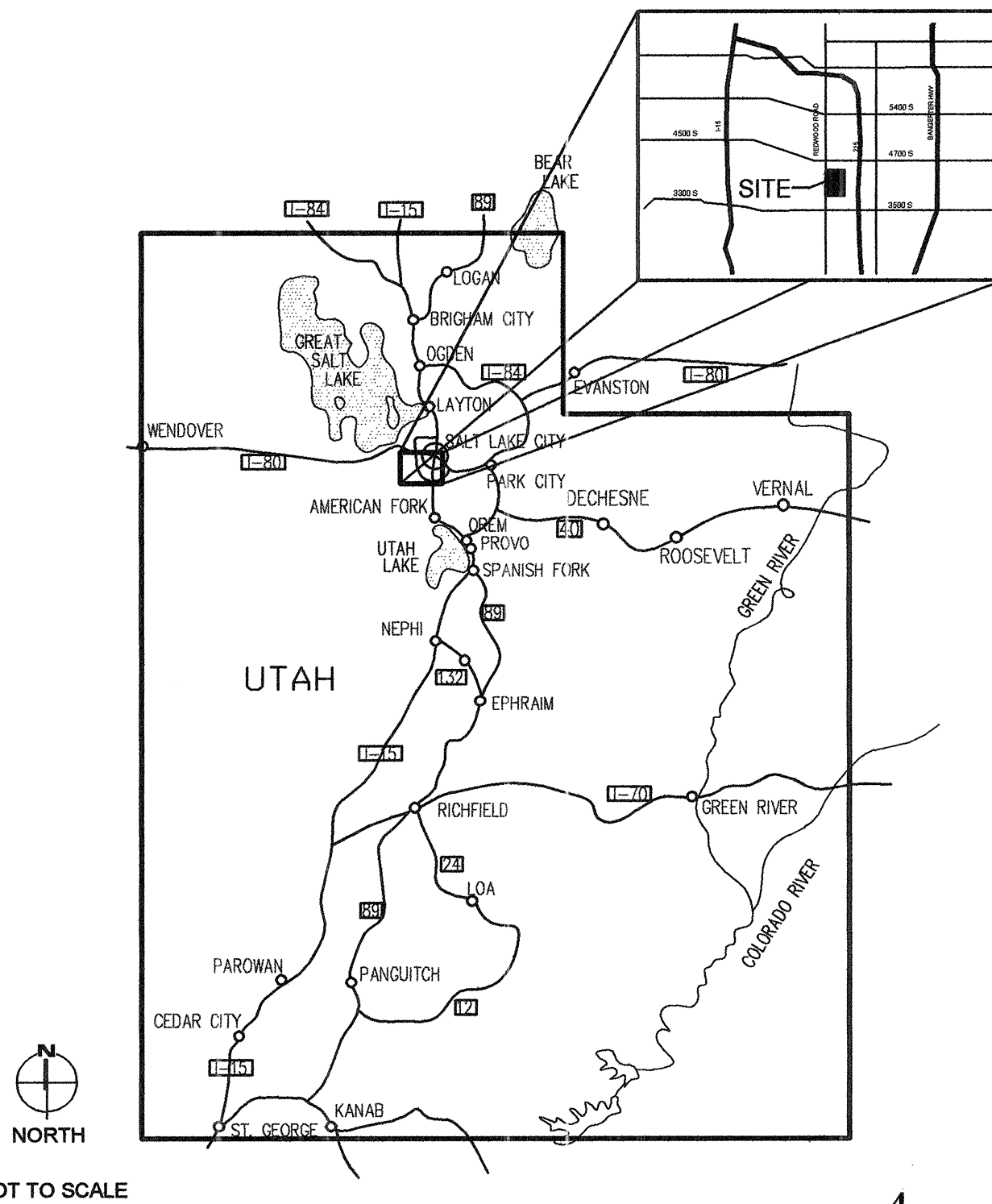
ELECTRICAL

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GRAPHIC KEY



VICINITY MAP



NOT TO SCALE

DFCM DESIGN AND CODE CRITERIA

APPLICABLE CODES	
Code	Year
International Building Code	2003
International Mechanical Code	2003
International Plumbing Code	2003
International Fire Code	2003
International Energy Conservation Code	2003
National Electrical Code	2005
Uniform Code for Building Conservation	N/A
ADA Accessibility Guidelines	2003

A. Occupancy and Group: B

Change in Use: Yes ☐ No ☒ Mixed Occupancy: Yes ☐ No ☒

Special Use and Occupancy (e.g. High Rise, Covered Mall): ☒ NO

B. Seismic Design Category: N/A Design Wind Speed: N/A mph

C. Type of Construction (circle one):

I A I B II A II B III A III B IV A IV B V A V B

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):

North: N/A South: N/A East: N/A West: N/A

E. Mixed Occupancies: ☒ NO Nonseparated Uses: ☒ NO

F. Sprinklers:

Required: ☒ NO Provided: ☒ NO Type of Sprinkler System: ☒ NONE

G. Number of Stories: 5 Building Height: N/A

H. Actual Area per Floor (square feet): XX

I. Tabular Area: XX

J. Area Modifications:

$$A_a = A_1 + \left[\frac{A_1 I_1}{100} \right] + \left[\frac{A_1 I_2}{100} \right] \quad I_1 = 100 \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$$

b) Sum of the Ratio Calculations for Mixed Occupancies:

$$\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$$

c) Total Allowable Area for:

1) One Story: ☒ NO

2) Two Story: ☒ NO

3) Three Story: ☒ NO

d) Unlimited Area Building: Yes ☐ No ☒ X Code Section: N/A

K. Fire Resistance Rating Requirements for Building Elements (hours):

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls	0	—	Floors - Ceiling Floors	0	—
Interior Bearing Walls	0	—	Roofs - Ceiling Roofs	0	—
Exterior Non-Bearing Walls	0	—	Exterior Doors and Windows	0	—
Structural Frame	0	—	Shaft Enclosures	0	—
Partitions - Permanent	0	—	Fire Walls	0	—
Fire Barriers	0	—	Fire Partitions	0	—
			Smoke Partitions	0	—

L. Design Occupant Load: XX

Exit Width Required: XX Exit Width Provided: XX

M. Minimum Number of Required Plumbing Facilities:

a) Water Closets - Required (m) XX (f) XX Provided (m) X (f) X

b) Lavatories - Required (m) XX (f) XX Provided (m) X (f) X

c) Bath Tubs or Showers: XX

d) Drinking Fountains: XX Service Sinks: XX

FOOTNOTES:

1) In case of conflict with the U.S. Department of Justice Federal Registers Parts 1 through 16 - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.

2) Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:

a) High Rise Requirements.

b) Atriums.

c) Performance Based Criteria.

d) Means or Egress Analysis.

e) Fire Assembly Locator Sheet.

f) Exterior and Interior Accessibility Route.

g) Fire Stopping, Including Tested Design Number.

1

2

3

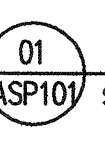
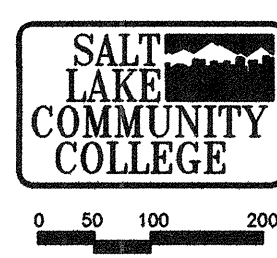
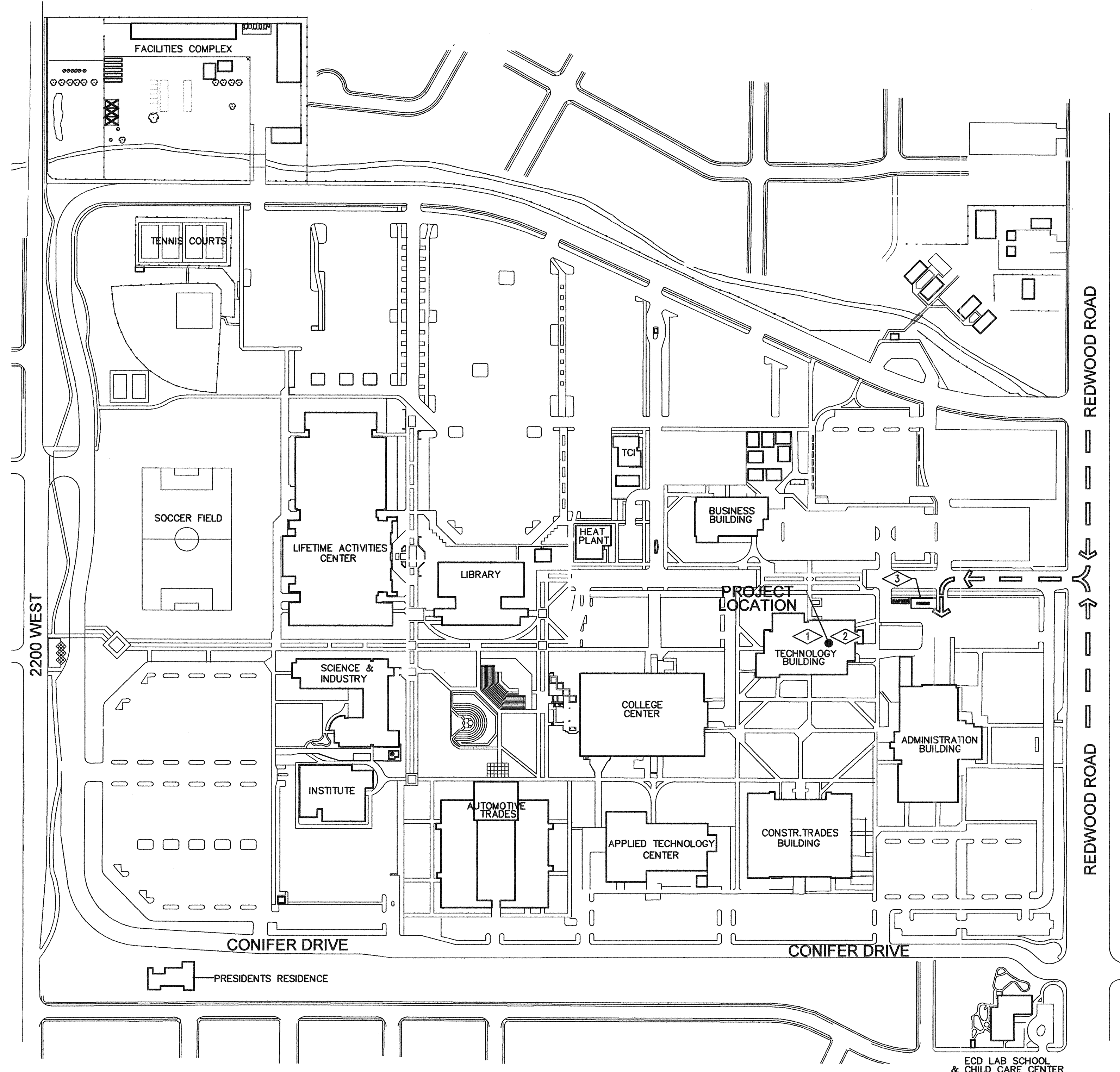
4

D

C

B

A



CAMPUS PLAN AND PROJECT LOCATION
01 ASP101 SCALE N.T.S.

1

2

3

4

REFERENCE NOTES

- 1 PROJECT LOCATION
- 2 GENERAL CONTRACTORS STAGING AREA
- 3 GENERAL CONTRACTORS PARKING AREA

GENERAL NOTES

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY SIDEWALK, CURB & GUTTER, ASPHALT, LANDSCAPING ETC. DISTURBED OR DESTROYED DURING CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN EMERGENCY AND UTILITY VEHICLE ACCESS AT ALL TIMES TO ALL EXISTING BUILDINGS AND BUILDING ENTRANCES.
3. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO BIDDING.
4. GENERAL CONTRACTOR SHALL PROTECT EXISTING BUILDING FROM DAMAGE DURING CONSTRUCTION.
5. EXISTING DRIVE APPROACHES TO REMAIN CLEAR AT ALL TIMES.
6. ALL EXISTING SIDEWALKS TO REMAIN CLEAR AT ALL TIMES.
7. ALL EXISTING CONCRETE AND ASPHALT PATHWAYS TO REMAIN OPEN TO PEDESTRIANS AND VEHICLES AT ALL TIMES DURING CONSTRUCTION.

LEGEND

- PARKING CONTRACTOR PARKING AREA
- DUMPSTER CONTRACTORS DUMPSTER LOCATION
- CONTRACT LIMIT LINE
- CONTRACTOR VEHICLE ACCESS TO CONSTRUCTION SITE

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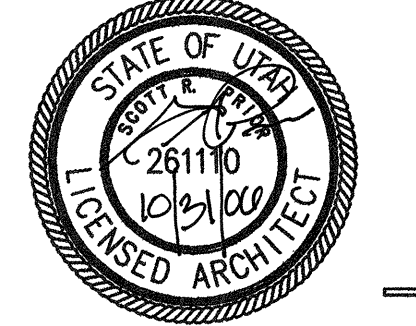
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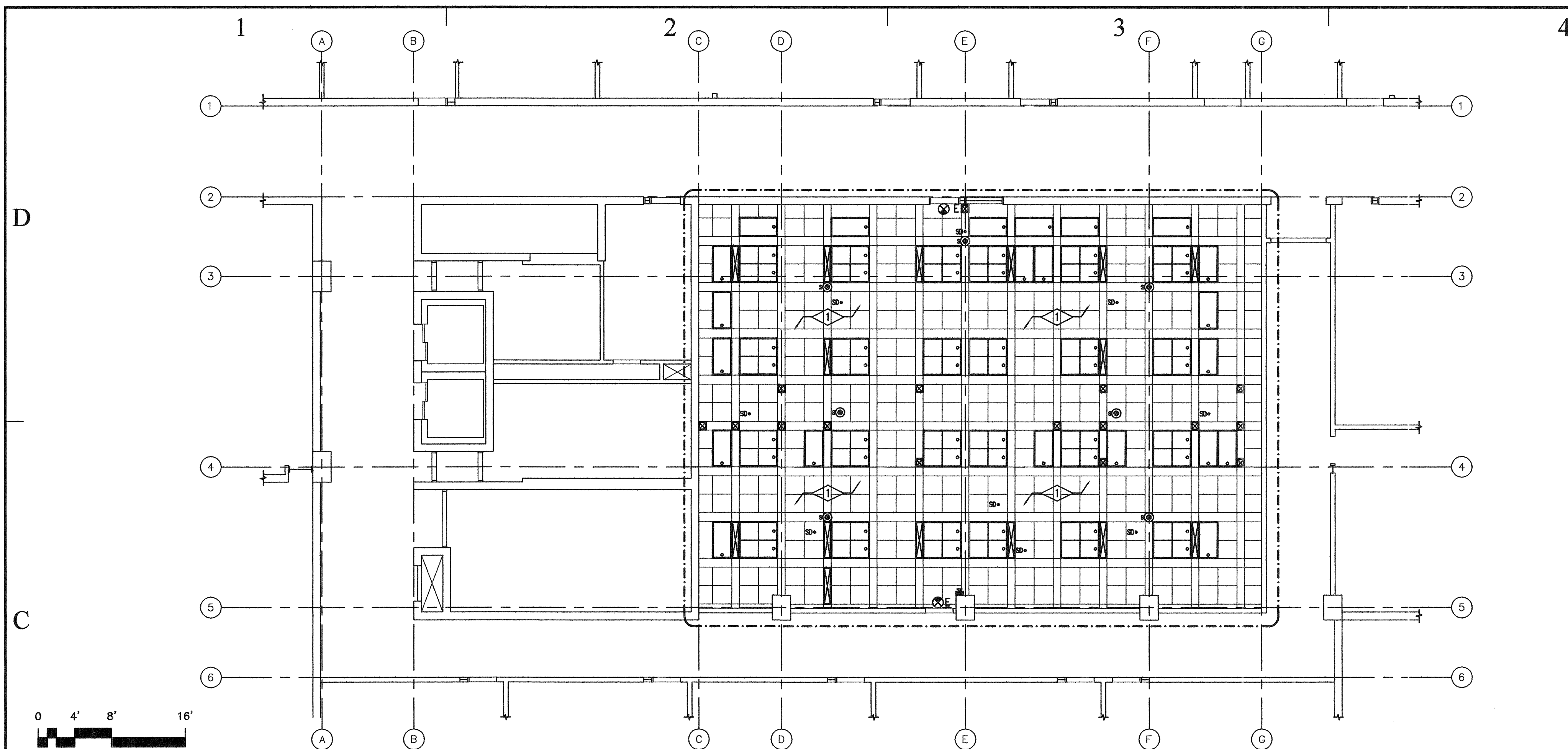
SHEET TITLE

SITE PLAN

SHEET NUMBER

A-SP101

SHEET 3 OF 17



REFERENCE NOTES

1. EXISTING LIGHTING, CEILING SYSTEM AND DIFFUSERS TO BE REMOVED. SEE MECHANICAL AND ELECTRICAL DEMOLITION DRAWINGS.

GENERAL NOTES

1. EXISTING LIGHT FIXTURES, DIFFUSERS TO BE REMOVED. SEE MECHANICAL AND ELECTRICAL DEMOLITION DRAWINGS.

LEGEND

- ⊗ E — EXISTING EXIT SIGN, TO BE REMOVED AND RETURNED TO OWNER.
- — EXISTING 2x4 FLUORESCENT LAY-IN LIGHT FIXTURE TO BE REMOVED.
- — EXISTING DOUBLE 2x4 FLUORESCENT LAY-IN LIGHT FIXTURE TO BE REMOVED.
- — — — — EXISTING 1'x4' SUPPLY AIR DIFFUSER TO BE REMOVED, SEE MECHANICAL DRAWINGS.
- ⊗ — EXISTING 12"x12" SUPPLY AIR DIFFUSER TO BE REMOVED, SEE MECHANICAL DRAWINGS.
- — — — — EXISTING 1'x4' RETURN AIR DIFFUSER TO BE REMOVED, SEE MECHANICAL DRAWINGS.
- ⊗ — EXISTING 12"x12" RETURN AIR DIFFUSER TO BE REMOVED, SEE MECHANICAL DRAWINGS FOR DIFFUSERS TO BE REMOVED AND NEW DIFFUSERS LOCATIONS.
- ⊗ — EXISTING SMOKE DETECTOR LOCATION. RELOCATE AS PER ELECTRICAL DRAWINGS.
- ⊗ — TO BE REMOVED.
- — — — — EXISTING FIRE ALARM STROBE LIGHT TO BE REMOVED. SEE ELECTRICAL DRAWINGS FOR NEW HORN/STROBE LIGHT LOCATIONS.
- — — — — CONTRACT LIMIT LINE.

REFERENCE NOTES

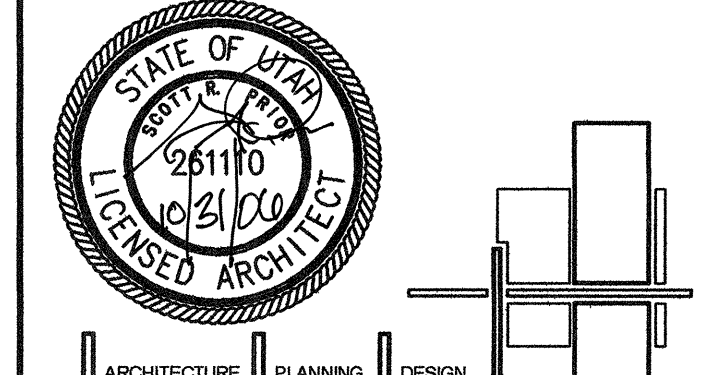
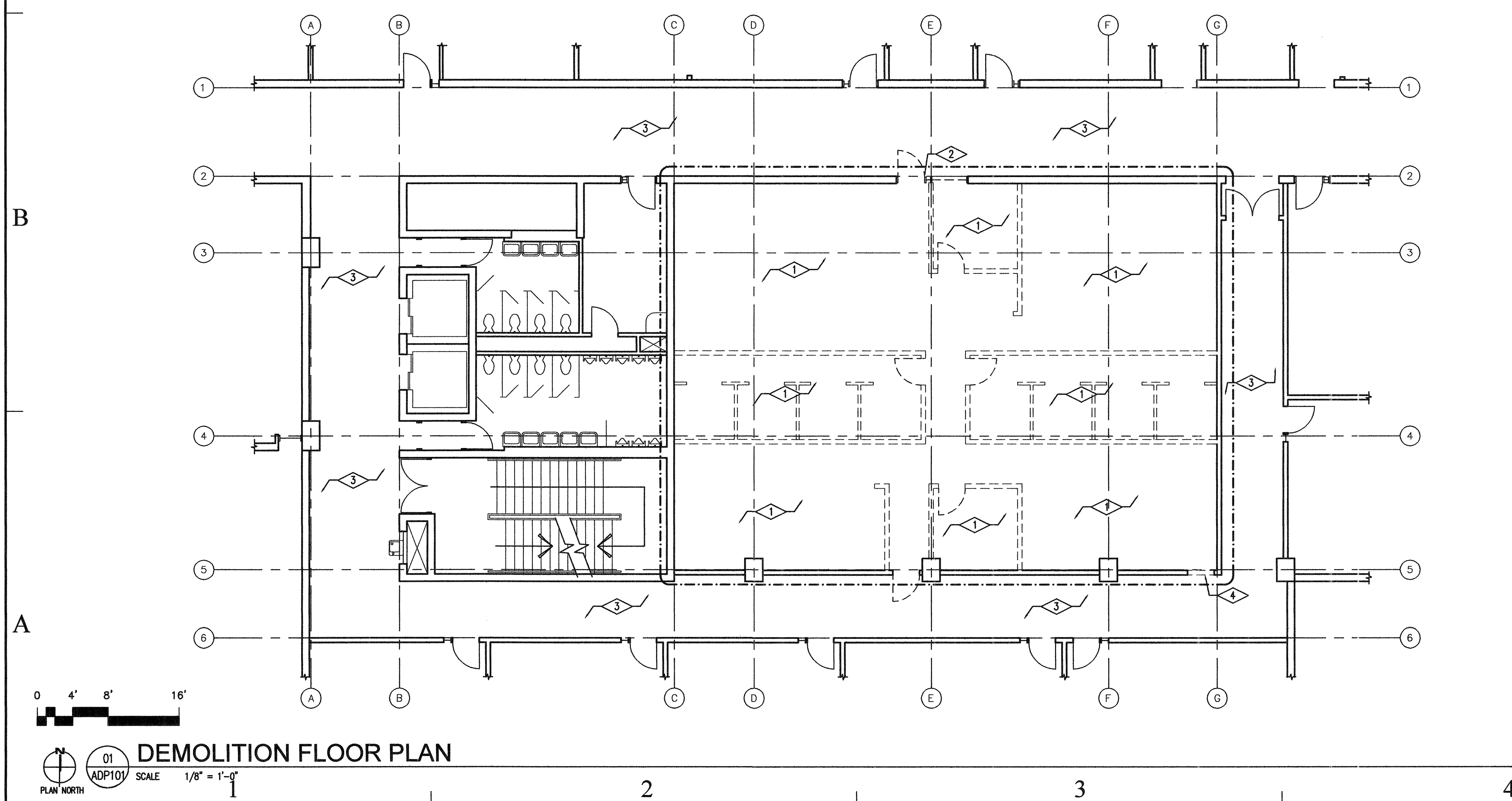
1. EXISTING CARPET TO BE REMOVED IN ALL AREAS OF WORK. GENERAL CONTRACTOR SHALL REMOVE ALL EXISTING GLUE AND PREP EXISTING CONCRETE SLAB PRIOR TO PLACING NEW CARPET.
2. EXISTING HOLLOW METAL DOOR AND FRAME IN CORRIDOR LOCATION TO BE REMOVED.
3. EXISTING CORRIDOR TO REMAIN CLEAR AT ALL TIMES.
4. GENERAL CONTRACTOR SHALL CUT OPENING IN METAL STUD WALL FOR NEW DOOR. SEE DOOR SCHEDULE.

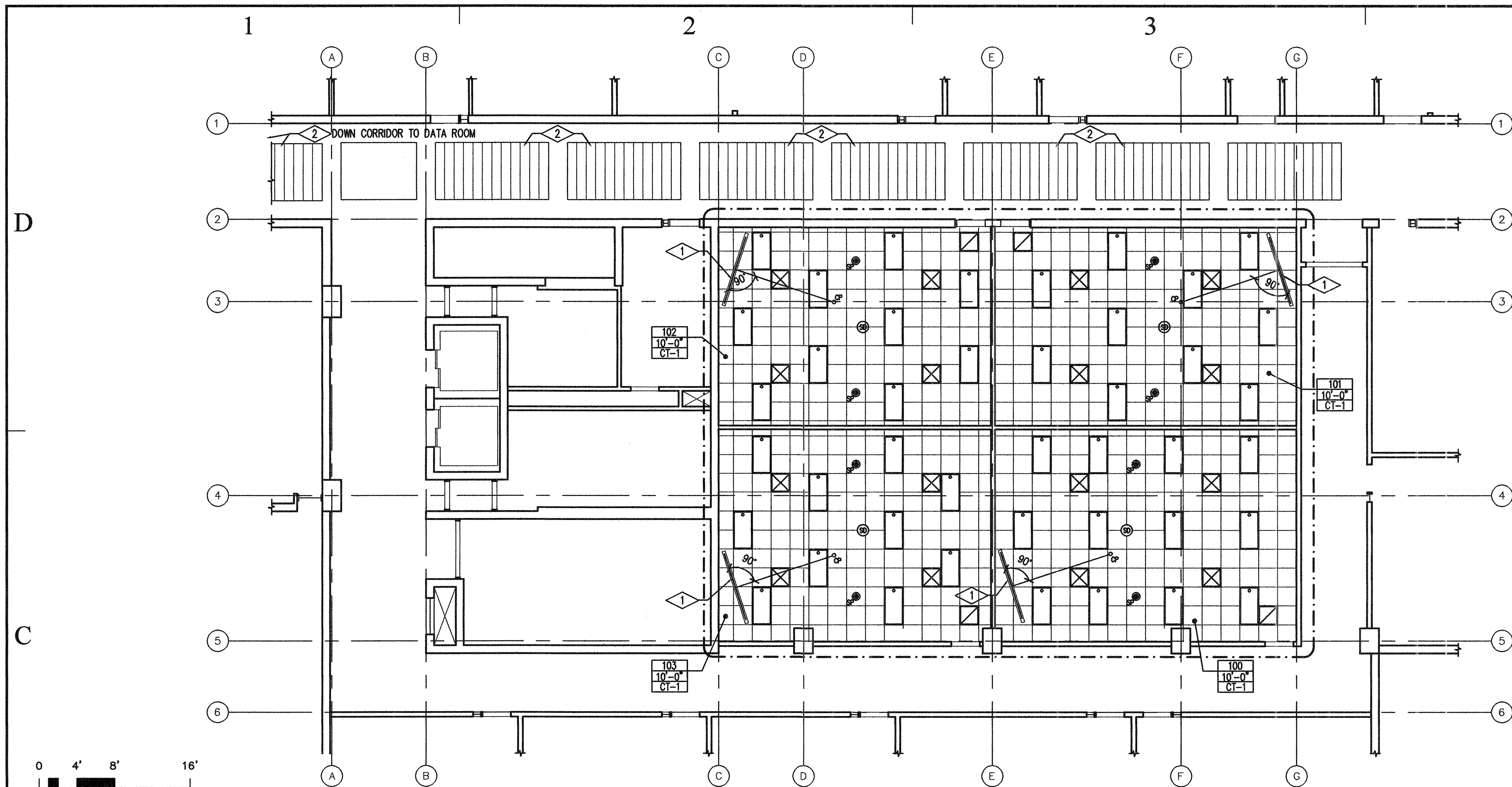
GENERAL NOTES

1. GENERAL CONTRACTOR SHALL REPLACE AND REPAIR ALL CONCRETE FLOORING DAMAGED DURING THE DEMOLITION AND CONSTRUCTION.
2. SEE ELECTRICAL & MECHANICAL DEMOLITION DRAWINGS & NOTES.
3. IN AREAS OF CONSTRUCTION WHERE WALLS ARE TO REMAIN, GENERAL CONTRACTOR SHALL PATCH AND REPAIR WALL SURFACE TO RECEIVE NEW FINISH AS PER FINISH SCHEDULE.
4. GENERAL CONTRACTOR SHALL PROVIDE A 6 MIL POLYETHYLENE DUST BARRIER FROM FLOOR TO CONCRETE DECK ABOVE AND SHALL BE SEALED AIR TIGHT IN ALL PHASED AREA OF CONSTRUCTION.
5. ALL EXISTING WALL MOUNTED MARKER BOARDS IN EXISTING DEMOLITION SPACE SHALL BE REMOVED AND RETURNED TO THE COLLEGE.
6. ALL EXISTING WALL MOUNTED CLOCKS IN EXISTING DEMOLITION SPACE SHALL BE REMOVED AND RETURNED TO THE COLLEGE.
7. ALL EXISTING PENCIL SHARPENERS IN EXISTING DEMOLITION SPACE SHALL BE REMOVED AND RETURNED TO THE COLLEGE.

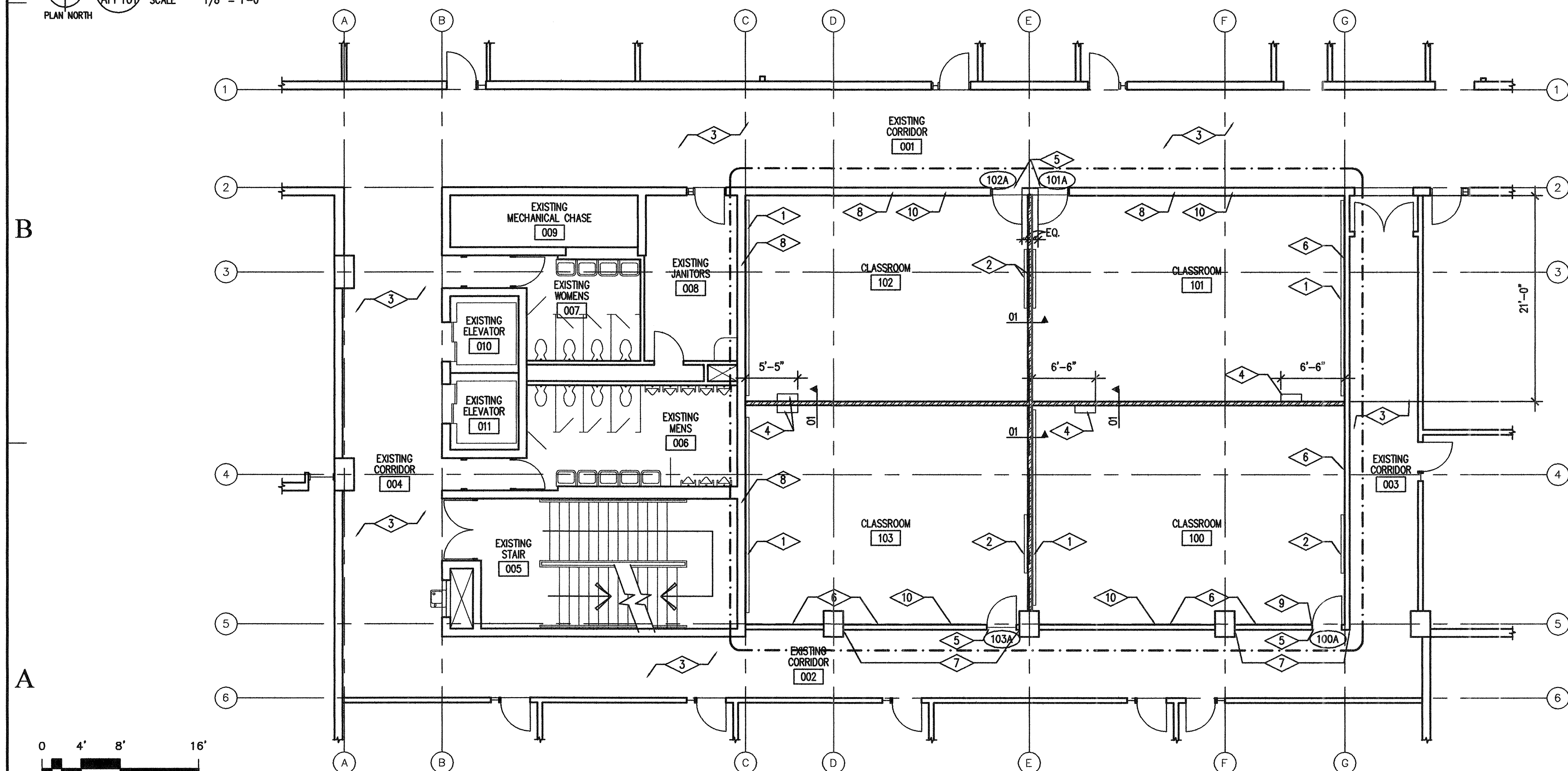
LEGEND

- — — — — DASHED DOOR LINES INDICATE EXISTING DOOR AND FRAME TO BE REMOVED.
- — — — — DASHED LINES INDICATE EXISTING WALLS TO BE REMOVED.
- — — — — CONTRACT LIMIT LINE.





NEW REFLECTED CEILING PLAN
 03 AFF101 SCALE 1/8" = 1'-0"



NEW FLOOR PLAN
 02 AFF101 SCALE 1/8" = 1'-0"

REFERENCE NOTES

- 1 CEILING MOUNTED, MANUALLY OPERATED PROJECTOR SCREEN, SEE SPECIFICATION
- 2 EXISTING PAINTED METAL PERFORATED PANEL CEILING SYSTEM. AT LOCATIONS WHERE GENERAL CONTRACTOR AND ELECTRICIAN WILL BE REMOVING THE EXISTING METAL PANEL TO PLACE NEW CONDUIT RUNS, THE GENERAL CONTRACTOR AND ELECTRICIAN SHALL CLEAN AND REPLACE EXISTING METAL PANEL. METAL PANELS SHALL BE PLACED IN PROPER ALIGNMENT.

GENERAL NOTES

1. REFER TO FINISH SCHEDULE FOR ADDITIONAL FINISH NOTES.
2. NEW SUSPENDED CEILING GRIDS SHALL BE CENTERED IN SPACES AS SHOWN ON REFLECTED CEILING PLANS, UNLESS SHOWN OTHERWISE.

LEGEND CEILING PLAN

- 101 ROOM NUMBER
- 8'-0" CEILING HEIGHT
- CF-1 CEILING TYPE
- 2X4 FLUORESCENT LAY-IN LIGHT FIXTURE SEE ELECTRICAL DRAWINGS
- SUPPLY AIR DIFFUSER, SEE MECHANICAL DRAWINGS
- RETURN AIR DIFFUSER, SEE MECHANICAL DRAWINGS
- RELOCATED EXISTING SMOKE DETECTOR LOCATION. RELOCATE AS PER ELECTRICAL DRAWINGS.
- CEILING HUNG PROJECTOR SCREEN, SEE DRAWING A/V-101
- NEW CEILING SPEAKER SYSTEM, SEE DRAWING A/V-101
- CEILING MOUNTED PROJECTOR AND CEILING MOUNTED PROJECTOR BRACKET, SEE DRAWING A/V-101
- CONTRACT LIMIT LINE

REFERENCE NOTES

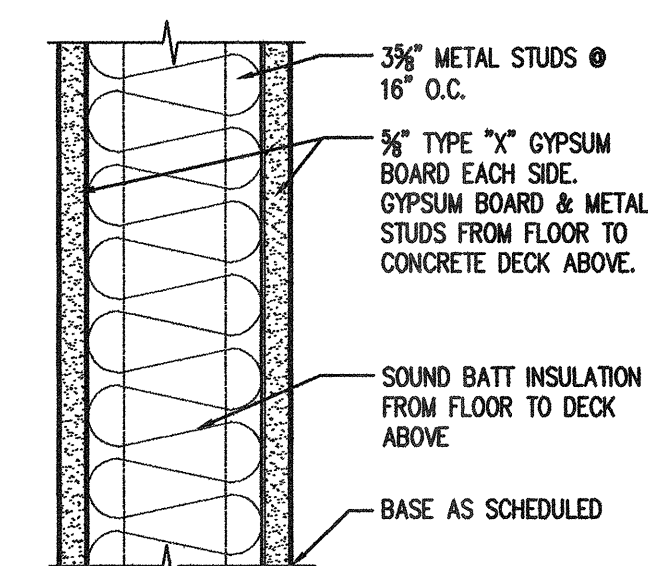
- 1 20'-0" WIDE x 4'-0" HIGH WHITE MARKER BOARD WITH TRAY, SEE SPECIFICATION
- 2 6'-0" WIDE x 4'-0" HIGH CORK BOARD, W/O TRAY
- 3 EXISTING CORRIDOR TO REMAIN CLEAR AT ALL TIMES
- 4 EXTRON MLM-WB, WITH POWER AND (2) DATA CONNECTIONS. GENERAL CONTRACTOR SHALL PROVIDE 18 GA. VERTICAL AND HORIZONTAL METAL STUD FRAMING AT CABINET LOCATION FOR SUPPORT. VERIFY MOUNTING HEIGHT WITH CHAIR RAIL HEIGHT, SEE SPECIFICATION AND ELECTRICAL DRAWINGS.
- 5 GENERAL CONTRACTOR SHALL PATCH AND REPAIR EXISTING V.C.T. AT DOOR LOCATIONS AS NECESSARY TO CREATE A "LIKE NEW" APPEARANCE
- 6 GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING INTERIOR GYPSUM BOARD WALL SURFACES TO RECEIVE NEW PAINT FINISH. PATCH AND REPAIR TO CREATE A "LIKE NEW" FINISHED SURFACE TO RECEIVE NEW PAINT COATING.
- 7 GENERAL CONTRACTOR SHALL PAINT WALL SURFACE FROM CORNER TO CORNER ON CORRIDOR SIDE AND FROM FLOOR TO CEILING. PAINT TO MATCH EXISTING CORRIDOR WALL PAINT.
- 8 EXISTING MASONRY WALL TO HAVE ALL CONSTRUCTION DUST, RESIDUE, ETC. CLEANED FROM SURFACE. ALL EXISTING HOLES IN EXISTING MASONRY TO BE PATCHED WITH MATCHING COLOR GROUT.
- 9 THE GENERAL CONTRACTOR SHALL CUT, FRAME, SEAL AND FINISH NEW DOOR OPENING IN CORRIDOR WALL SYSTEM TO MAINTAIN A U.L. 1 HOUR FIRE RATED WALL ASSEMBLY AS PER G.A. FILE NO. W.P. 1081.
- 10 THE GENERAL CONTRACTOR SHALL PROVIDE UP TO 8 SQUARE FEET OF FINISHED WALL THAT WOULD BE LOCATED ABOVE THE CEILING SYSTEMS BETWEEN CORRIDORS AND CLASSROOMS. THE 8 SQUARE FEET OF WALL ASSEMBLY TO MATCH WALL TYPE 01 AND TO HAVE A U.L. 1 HOUR FIRE RATED WALL ASSEMBLY AS PER G.A. FILE NO. W.P. 1081.

LEGEND

- RM. NAME
- 100 ROOM TAG
- 101A DOOR TAG
- 03 WALL TYPE, SEE WALL TYPE THIS SHEET
- CONTRACT LIMIT LINE
- NEW GYPSUM BOARD WALL LOCATION, SEE WALL TYPES

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL REPLACE AND REPAIR ALL CONCRETE FLOORING DAMAGED DURING THE DEMOLITION AND CONSTRUCTION.
2. SEE ELECTRICAL & MECHANICAL DEMOLITION DRAWINGS & NOTES.
3. IN AREAS OF CONSTRUCTION WHERE WALLS ARE TO REMAIN, GENERAL CONTRACTOR SHALL PATCH AND REPAIR WALL SURFACE TO RECEIVE NEW FINISH AS PER FINISH SCHEDULE.
4. GENERAL CONTRACTOR SHALL PROVIDE A 6 MIL POLYETHYLENE DUST BARRIER FROM FLOOR TO CONCRETE DECK ABOVE. DUST BARRIER SHALL BE SEALED AIR TIGHT IN ALL PHASED AREA OF CONSTRUCTION
5. AT LOCATION ABOVE NEW AND EXISTING CEILING SYSTEMS AT GYPSUM BOARD CORRIDOR WALL LOCATIONS WHERE NEW FIRE/SMOKE DAMPERS ARE NOTED TO BE PROVIDED, (SEE MECHANICAL DRAWINGS), THE GENERAL CONTRACTOR SHALL CUT, FRAME, SEAL AND FINISH FIRE/SMOKE DAMPER OPENINGS IN WALL SYSTEM TO MAINTAIN A U.L. 1 HOUR FIRE RATED WALL ASSEMBLY AS PER G.A. FILE NO. W.P. 1081.

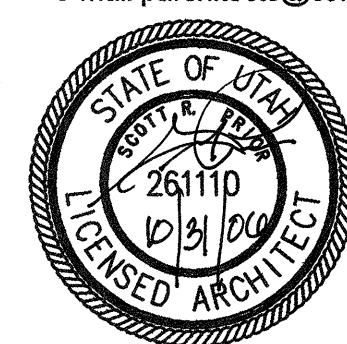


WALL TYPE 01
 01 AFF101 SCALE 3/8" = 1'-0"



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BUILDING NAME:

SALT LAKE COMMUNITY COLLEGE
TECH BUILDING LEVEL 4 CLASSROOM REMODEL
 4600 SOUTH REDWOOD ROAD
 TAYLORSVILLE, UTAH

PROJECT TITLE:

SALT LAKE COMMUNITY COLLEGE
4600 SOUTH REDWOOD ROAD
TAYLORSVILLE, UTAH
TECH BUILDING LEVEL 4 CLASSROOM REMODEL

MARK DATE DESCRIPTION
 ISSUE TYPE: CONSTRUCTION DOCUMENTS

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CAD DWG FILE:

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SHEET TITLE

NEW FLOOR PLAN AND REFLECTED CEILING PLAN

SHEET NUMBER

A-FP101

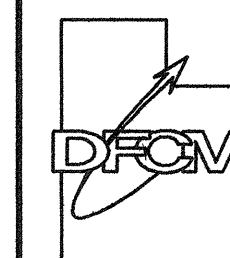
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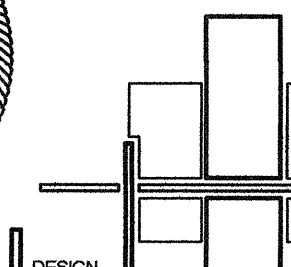
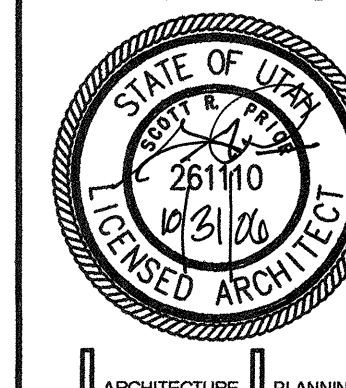
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REDWOOD ROAD
TAYLORSVILLE, UTAH

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SHEET TITLE

DOOR AND FINISH
SCHEDULES AND DETAILS

SHEET NUMBER

A-DT501

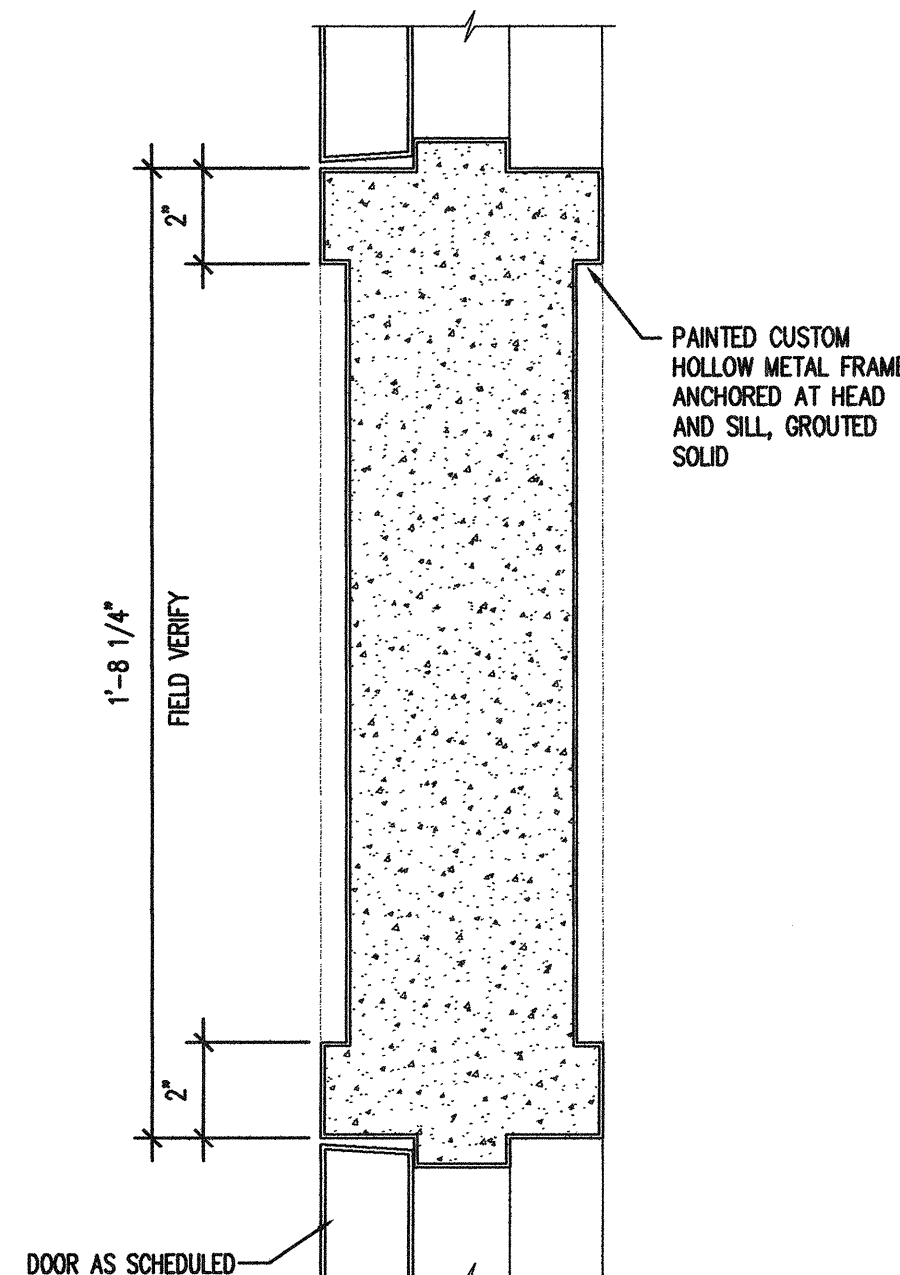
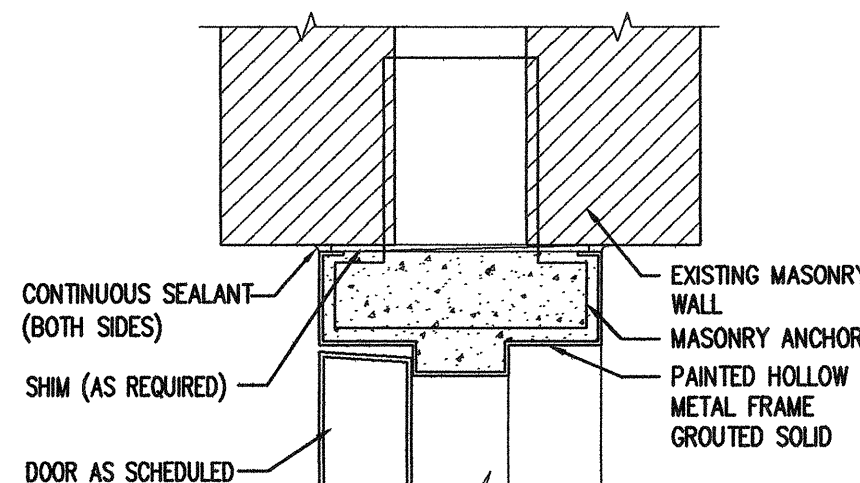
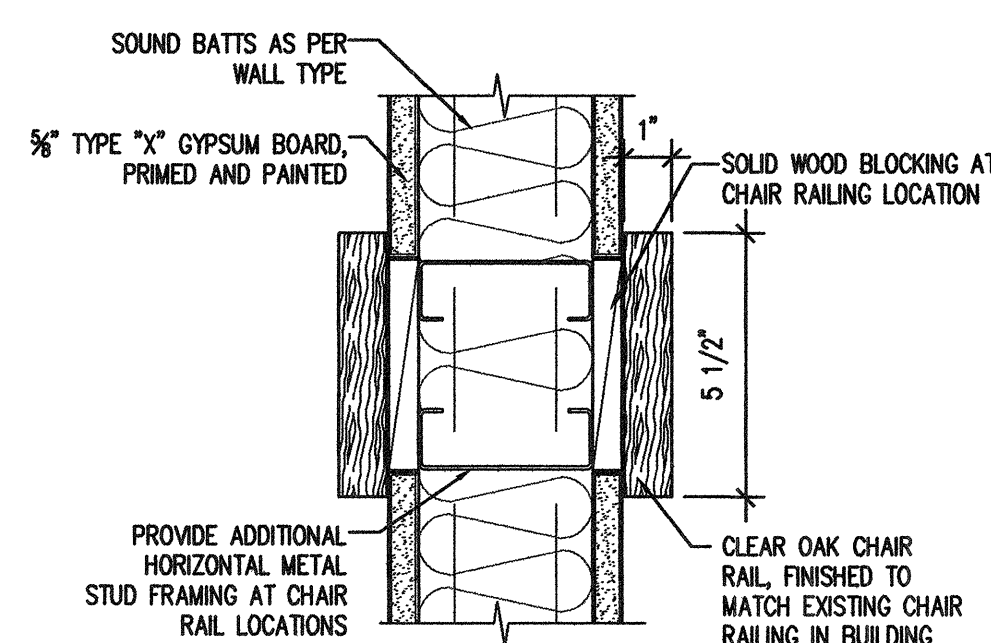
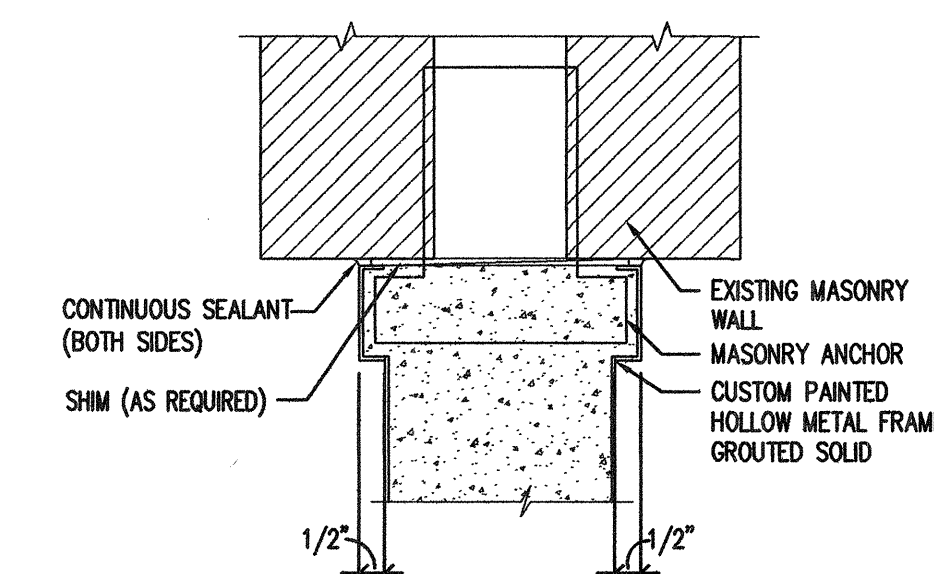
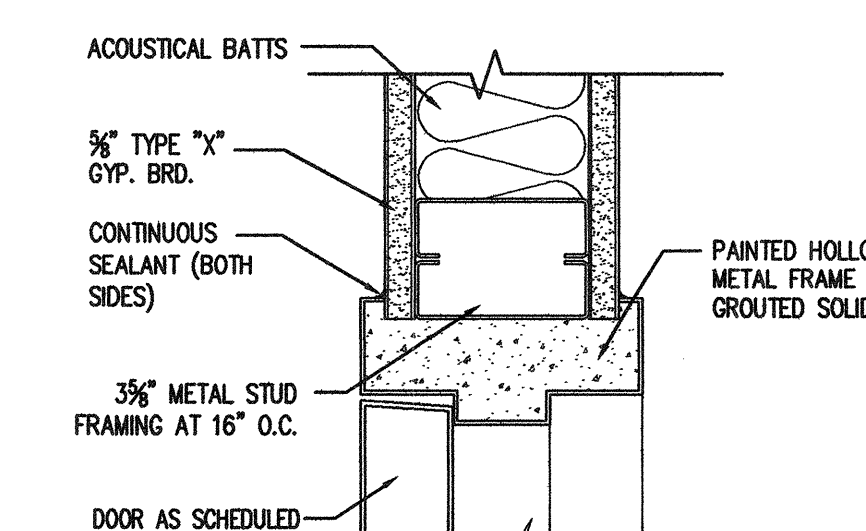
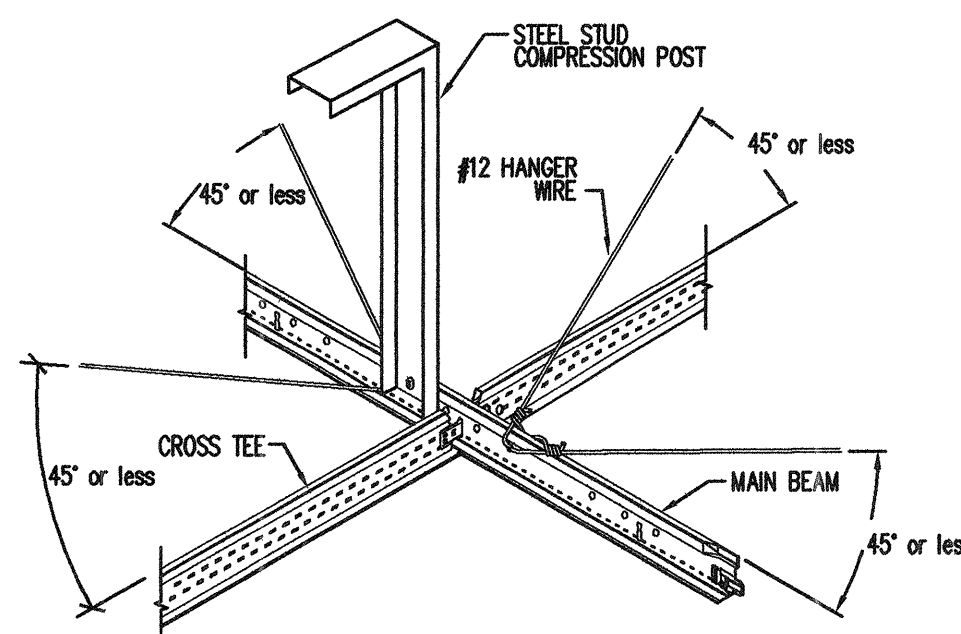
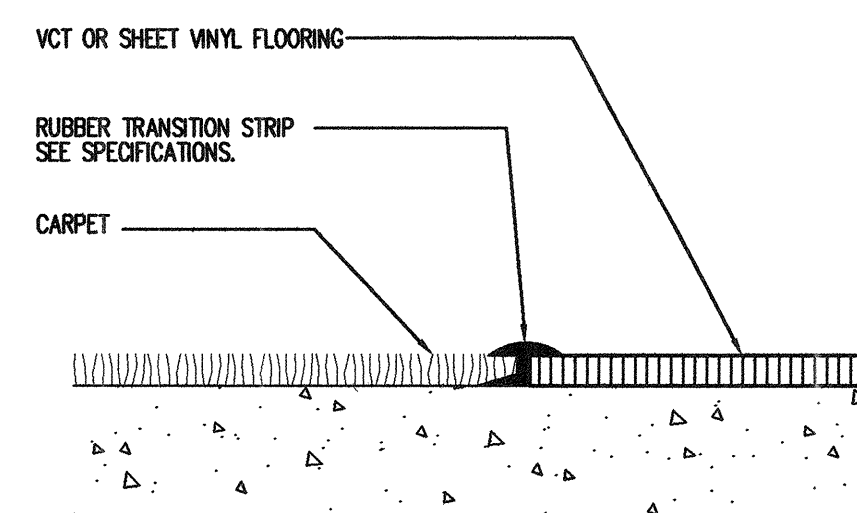
SHEET 6 OF 17

D

C

B

A

08 JAMB DETAIL
SCALE 3" = 1'-0"04 JAMB / HEAD DETAIL
SCALE 3" = 1'-0"09 CHAIR RAIL DETAIL
SCALE 3" = 1'-0"07 HEAD DETAIL (SILL SIM.)
SCALE 3" = 1'-0"03 JAMB / HEAD DETAIL
SCALE 3" = 1'-0"06 HORIZONTAL RESTRAINT
SCALE 3" = 1'-0"02 CARPET/VCT THRESHOLD
SCALE 1/4" = 1'-0"

ROOM FINISH SCHEDULE												
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING		NOTES		
				NORTH	EAST	SOUTH	WEST	TYPE	HEIGHT			
100	CLASSROOM	F1	B1	W1	W2	W1	W2	CT-1	10'-0"	1. GENERAL CONTRACTOR SHALL PATCH AND REPAIR SMALL HOLES THAT MAY BE IN EXISTING MASONRY WALLS WITH COLORED GROUT. COLORED GROUT TO MATCH EXISTING MASONRY		
101	CLASSROOM	F1	B1	W3	W2	W1	W2	CT-1	10'-0"			
102	CLASSROOM	F1	B1	W3	W2	W1	W2	CT-1	10'-0"			
103	CLASSROOM	F1	B1	W1	W2	W1	W2	CT-1	10'-0"			

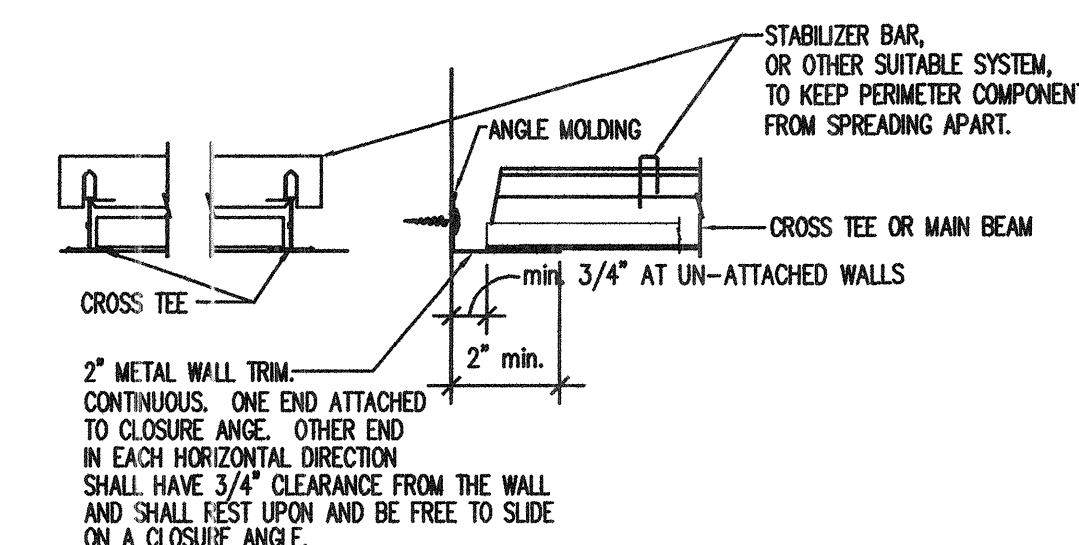
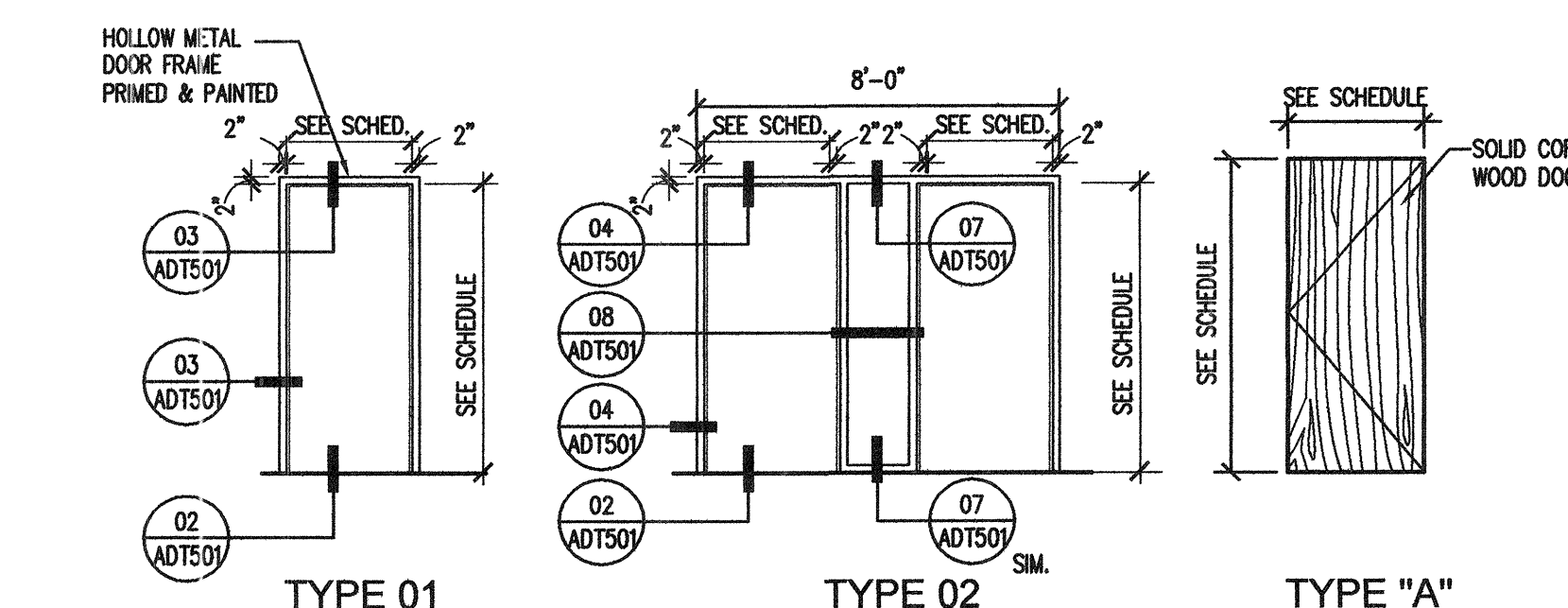
DOOR AND FRAME SCHEDULE																
DOOR	SINGLE PAIR	DOOR					FRAME						HARDWARE SET	FIRE RATING DOOR & FRAME	NOTES	
		SIZE	DEPTH	TYPE	MATL	FINISH	DEPTH	TYPE	MATL	FINISH	DETAIL					
											HEAD	JAMB				THRSH
100A	S	3'-0" x 7'-0"	1 1/2"	A	WD	STAIN	5-3/4"	01	HM	PAINT	03/ADT501	03/ADT501	02/ADT501	1	20 MIN.	
101A	S	3'-0" x 6'-9 1/4"	1 1/2"	A	WD	STAIN	5-3/4"	01	HM	PAINT	04/ADT501	08/ADT501	02/ADT501	1	20 MIN.	
102A	S	3'-0" x 6'-9 1/4"	1 1/2"	A	WD	STAIN	5-3/4"	01	HM	PAINT	04/ADT501	08/ADT501	02/ADT501	1	20 MIN.	
103A	S	3'-0" x 7'-0"	1 1/2"	A	WD	STAIN	5-3/4"	01	HM	PAINT	03/ADT501	03/ADT501	02/ADT501	1	20 MIN.	

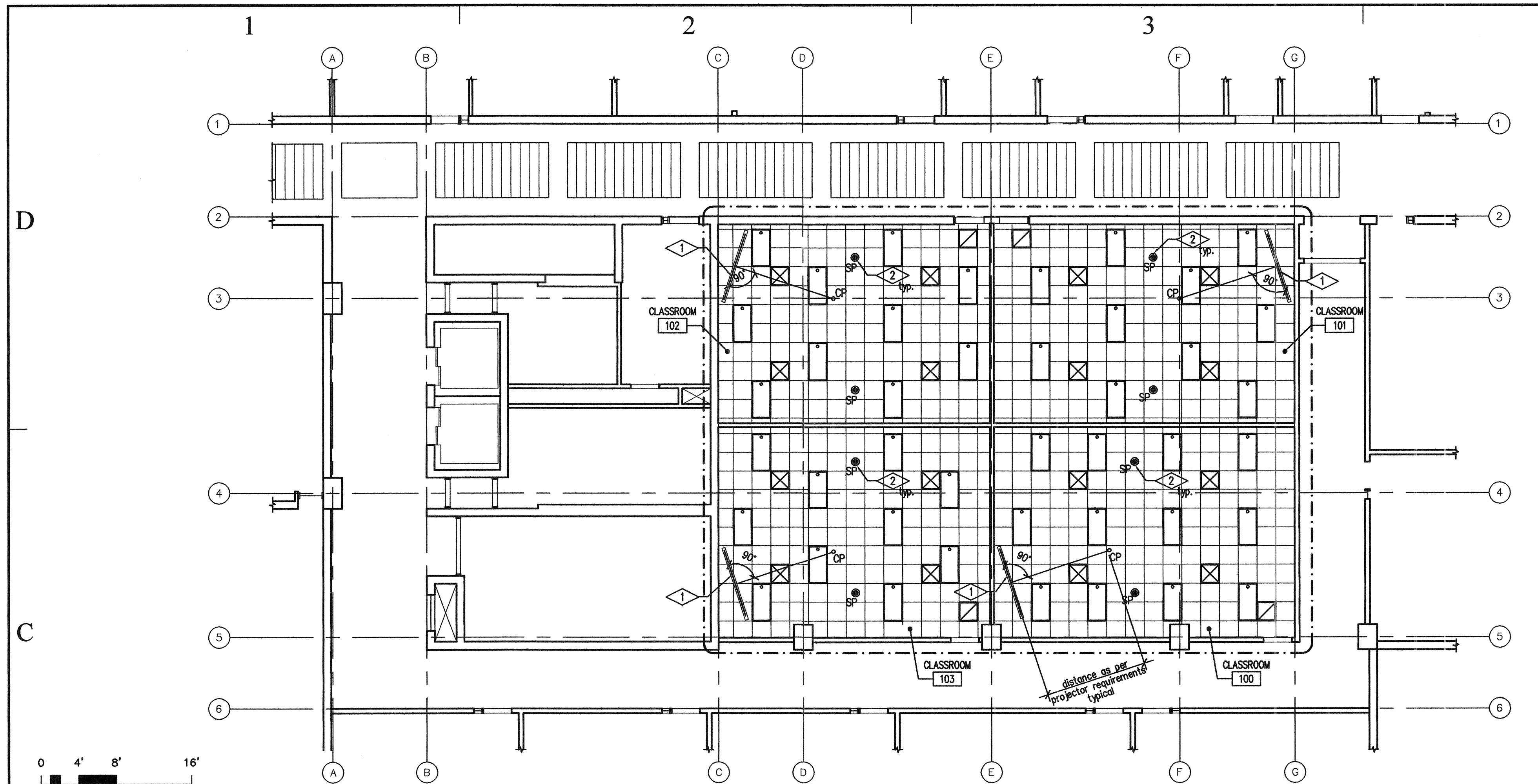
FLOOR FINISHES	
F-1	CARPET TILES, SEE SPECIFICATION

BASE TYPES	
B-1	4" RUBBER BASE, SEE SPECIFICATION

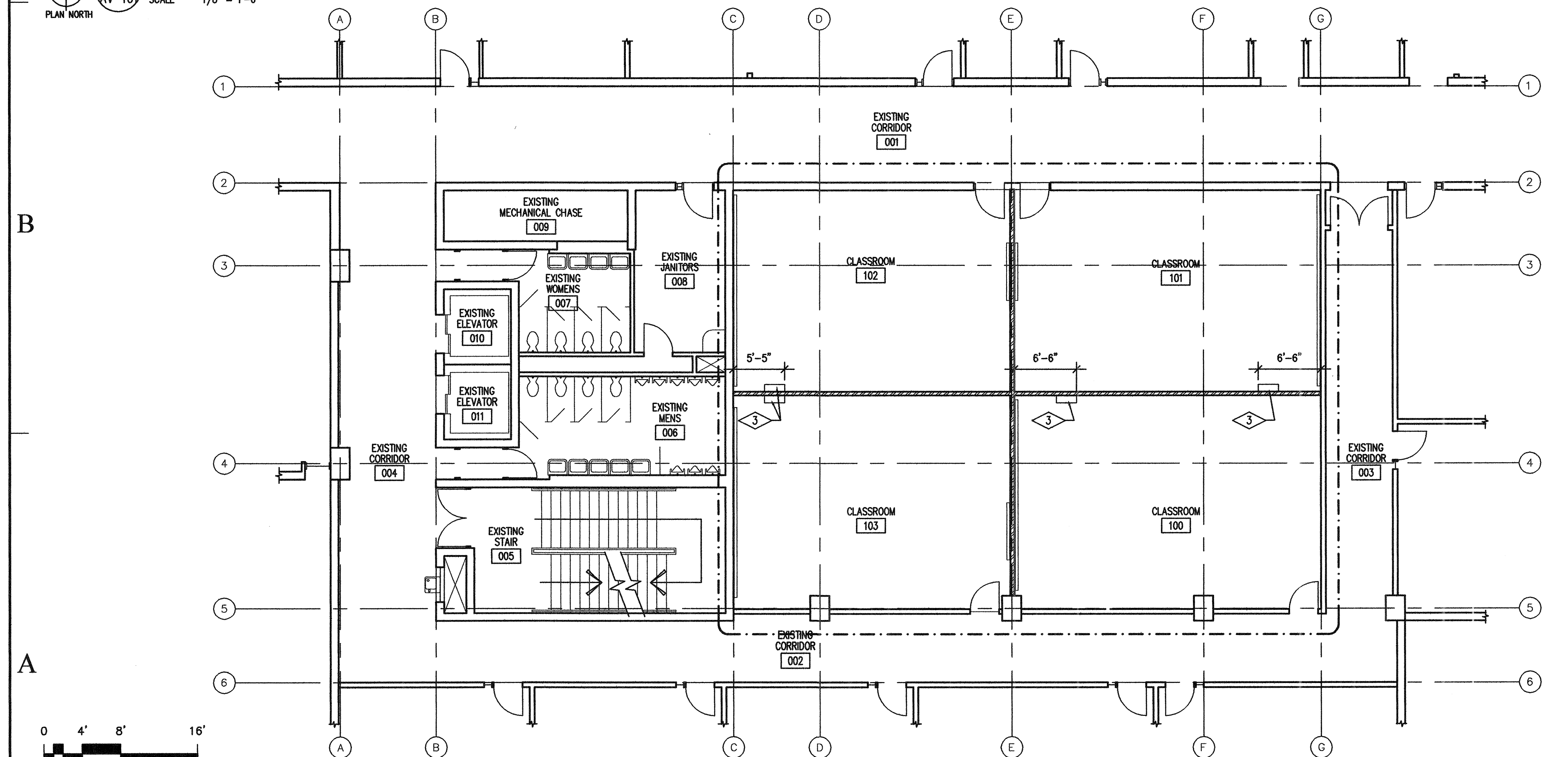
WALL FINISHES	
W-1	5/8" GYPSUM BOARD TO BE PRIMED AND PAINTED, SEE SPECIFICATION
W-2	CHAIR RAIL, SEE DETAIL 09/ADT501
W-3	EXISTING MASONRY WALL TO REMAIN UNDISTURBED

CEILING TYPES	
CT-1	2'x2' LAY-IN CEILING TILE SYSTEM, SEE SPECIFICATION

05 LAY-IN CEILING DETAIL
SCALE 3" = 1'-0"01 DOOR AND FRAME TYPES
SCALE 1/4" = 1'-0"



A/V CEILING PLAN
 02 AV-101 SCALE 1/8" = 1'-0"
 PLAN NORTH



A/V FLOOR PLAN
 01 AV-101 SCALE 1/8" = 1'-0"
 PLAN NORTH

REFERENCE NOTES

- 1 CEILING MOUNTED, MANUALLY OPERATED PROJECTOR SCREEN, SEE A/V PRODUCT LIST BELOW
- 2 CEILING MOUNTED SPEAKERS, SEE PRODUCT LIST BELOW.
- 3 EXTRON MLM-WB+, WITH POWER AND (2) DATA CONNECTIONS. SEE PRODUCT LIST BELOW.

A/V CEILING LEGEND

- CEILING HUNG PROJECTOR SCREEN. ONE PER ROOM
- DA-LITE PROJECTOR SCREEN MATTE WHITE, 60x80 WITH # 6 BRACKETS
- SP — NEW CEILING SPEAKER SYSTEM TWO PER CLASS ROOM MOUNTED WHERE SHOWN
- CP — CEILING MOUNTED PROJECTOR AND CEILING MOUNTED PROJECTOR BRACKET, SEE AUDIOVISUAL PRODUCT LIST BELOW.
- - - - - CONTRACT LIMIT LINE

GENERAL NOTES

1. ALL FINISHED METAL SURFACES ON THE EXTRON EQUIPMENT ARE TO BE WHITE.
2. THE AUDIOVISUAL SUBCONTRACTOR SHALL HAVE A MINIMUM OF FIVE YEARS EXPERIENCE WITH INSTALLATION OF AUDIOVISUAL EQUIPMENT.
3. THE AUDIOVISUAL SUBCONTRACTOR IS REQUIRED TO PROVIDE ALL EQUIPMENT, INSTALLATION, WIRING, CONNECTORS, HOOKUP, ETC. OF ALL ITEMS AS LISTED ON THIS DRAWING FOR A FULLY FUNCTIONAL AUDIOVISUAL SYSTEM.
4. CABLING ABOVE THE CEILING WILL BE PLENUM RATED. SEE ACCEPTABLE AUDIOVISUAL CABLING LIST BELOW.
5. ALL MISCELLANEOUS ITEMS AS REQUIRED TO PROVIDE THE FULLY OPERATION INSTALLATION NOT SPELLED ON THIS DRAWING WILL BE SUPPLIED BY THE INSTALLER AS PART OF THE AUDIOVISUAL SUBCONTRACTORS BID.
6. AUDIOVISUAL SUBSTITUTIONS MUST BE PROVIDED TO THE ARCHITECT PRIOR TO BIDDING FOR APPROVAL. ANY PRODUCT SUBSTITUTIONS AFTER THE LAST DAY TO SUBMIT QUESTIONS WILL NOT BE APPROVED.
7. ALL A/V EQUIPMENT AND CABLING WILL REQUIRE SUBMITTALS ACCORDING TO THE CONDITIONS OF THE CONTRACT AND DIVISION 1 SPECIFICATION SECTIONS.
8. PROVIDE PRODUCT DATA FOR EACH TYPE OF AUDIOVISUAL EQUIPMENT AND CABLING SPECIFIED
9. THE AUDIOVISUAL SUBCONTRACTOR SHALL PROVIDE ALL SUPPORTS, ANCHORS, INSERTS, FASTENERS AND BOLTS AS REQUIRED FOR INSTALLATION
10. THE AUDIOVISUAL SUBCONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR, ARCHITECT, D.F.C.M. REPRESENTATIVE AND COLLEGE FOR ALL REQUIRED ADDITIONAL WALL FRAMING FOR THE INSTALLATION OF A/V EQUIPMENT.
11. THE GENERAL CONTRACTOR SHALL PROVIDE ELECTRICAL AND DATA TO THE EXTRON MLM-WB+ CABINET AS PER THE ELECTRICAL DRAWINGS. THE GENERAL CONTRACTOR SHALL ALSO PROVIDE CONDUIT TO THE EXTRON WALL PANEL FOR THE A/V WIRING. SEE THE ELECTRICAL DRAWING. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE A/V INSTALLER, ARCHITECT, D.F.C.M. REPRESENTATIVE AND COLLEGE TO DETERMINE THE HEIGHT REQUIRED FOR MOUNTING THE EXTRON WALL CABINET.

AUDIOVISUAL PRODUCT LIST

# REQUIRED	DESCRIPTION	PART AND MODEL #
1 PER ROOM, 4 TOTAL	HITACHI DATA PROJECTOR	CP-X260
1 PER ROOM, 4 TOTAL	DA-LITE PROJECTOR SCREEN W/ #6 BRACKETS	MODEL C
1 PER ROOM, 4 TOTAL	SONY DVD/VHS COMBO	SLV-D370P
1 PER ROOM, 4 TOTAL	CHIEF PROJECTOR MOUNT	RPA-094
1 PER ROOM, 4 TOTAL	CHIEF SUSPENDED CEILING KIT	CMA-440
1 PER ROOM, 4 TOTAL	CHIEF 6" EXTENSION COLUMN	CMA-006
2 PER ROOM, 8 TOTAL	EXTRON 4" CEILING SPEAKERS	SL3CLP
1 PER ROOM, 4 TOTAL	EXTRON 22 WATT AUDIO AMPLIFIER	MPA 122
1 PER ROOM, 4 TOTAL	EXTRON AMPLIFIER MOUNTING KIT	PMK350
1 PER ROOM, 4 TOTAL	EXTRON WALL MOUNTED A/V BOX	MLM-WB+
1 PER ROOM, 4 TOTAL	EXTRON MEDIA LINK CONTROLLER	MLC 104 IP L
1 PER ROOM, 4 TOTAL	EXTRON A/V FACEPLATE	UCM RAAP
1 PER ROOM, 4 TOTAL	EXTRON VGA/AUDIO FACEPLATE	UCM RAAP
1 PER ROOM, 4 TOTAL	EXTRON RJ-45 PUNCH DOWN BLOCK	70-412-21
1 PER ROOM, 4 TOTAL	EXTRON BLANK PANEL QUAD	70-090-24
8 TOTAL	EXTRON BLANK PANEL SINGLES	70-090-21

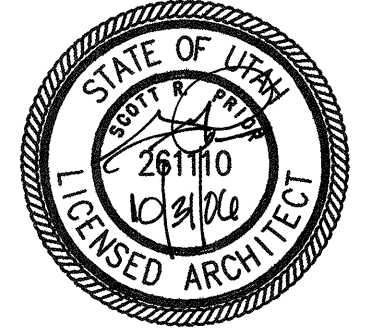
AUDIOVISUAL CABLE

CABLE TYPE	DESCRIPTION	ACCEPTABLE TYPES
M	MICROPHONE CABLE, 22AWG, SHIELDED, TWISTED PAIR WITH DRAIN	BELDEN 8451 WEST PENN CL2 452 CANARE L-4ESA1
L	LINE LEVEL CABLE, 22 AWG, SHIELDED, TWISTED PAIR WITH DRAIN	BELDEN 8451 WEST PENN CL2 452 CANARE L-4ESA1
S	SPEAKER CABLE, 70 V, 16 AWG, TWISTED PAIR	BELDEN 8471 WEST PENN CL2 225 CANARE 45B
V	VIDEO CABLE, 75 OHM, COAXIAL, RG 59	BELDEN 8221 WEST PENN 814 CANARE L-5CFB
Y	S-VIDEO CABLE (YC), 2 COAXIAL, HIGH RESOLUTION	EXTRON S-VIDEO
R	RGBHV CABLE, 5 COAXIAL, HIGH RESOLUTION	EXTRON SHR-5 CANARE V5-5CFB
C	CONTROL CABLE, 24 AWG, 4 PAIR, OVERALL SHIELD	BELDEN 8104 WEST PENN D2404
B	MICROPHONE AND CONTROL CABLE, 1 PAIR SHIELDED, 1 PAIR UNSHIELDED, 22 AWG	BELDEN 8730
P	POWER CABLE, 2 CONDUCTOR, 16 AWG, STRANDED	BELDEN 8471 WEST PENN CL2 225 CANARE 45B
O	DATA CABLE, SKEW FREE	EXTRON A/V UTP



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AUDIOVISUAL PLANS AND EQUIPMENT SPECIFICATIONS

SHEET NUMBER

A/V-101

SHEET 7 OF 17

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B

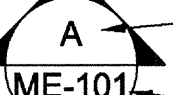
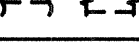
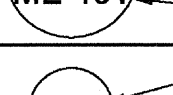
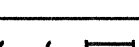

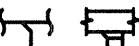
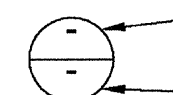
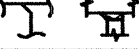
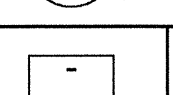
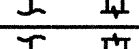
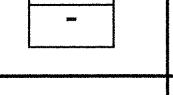
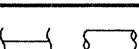
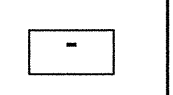

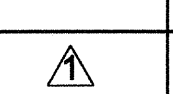
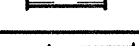
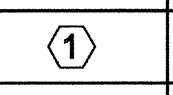
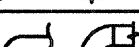
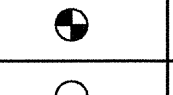


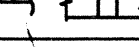
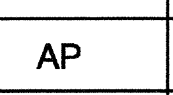
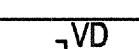
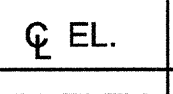

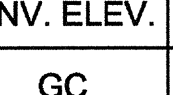

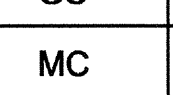
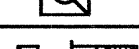
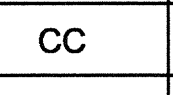
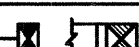
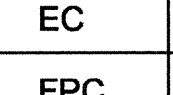
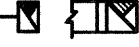
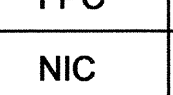
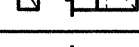

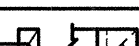
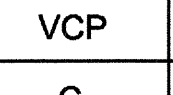
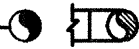
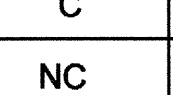
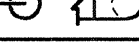
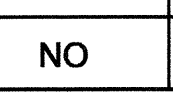












A

1

2

3

4

MECHANICAL LEGEND					
SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION
GENERAL TERMINOLOGY			AIR SIDE		AIR SIDE CONT.
		SECTION LETTER DESIGNATION			EXISTING AIR DUCT TO BE REMOVED
		SECTION DRAWN ON THIS SHEET			EXISTING AIR DUCT TO REMAIN
		DETAIL NUMBER DESIGNATION CORRESPONDING WITH GRID LOCATION			NEW AIR DUCT
		MECHANICAL EQUIPMENT DESIGNATION			RECT. TO RECT. AIR DUCT TAKE-OFF
		EQUIPMENT ITEM DESIGNATION			RECT. TO RND. AIR DUCT TAKE-OFF
		REGISTER, GRILLE OR DIFFUSER DESIGNATION WITH BALANCING CFM LISTED BELOW			RND. TO RND. AIR DUCT TAKE-OFF
		GRILLE, OR LOUVER DESIGNATION WHERE BALANCING NOT REQUIRED			RECT. TAKE-OFF AT END OF MAIN
		REVISION DESIGNATOR AND NUMBER			BURIED OR UNDER FLOOR DUCT
		KEY NOTE DESIGNATOR AND NUMBER			FLEXIBLE AIR DUCT
	POC	POINT OF CONNECTION			LINED DUCT
	POR	POINT OF REMOVAL			VANED ELBOW
	AFF	ABOVE FINISHED FLOOR			RADIUS ELBOW
	AP	ACCESS PANEL			CONCENTRIC DUCT TRANSITION
	CL	CENTER LINE ELEVATION			ECCENTRIC DUCT TRANSITION
	INV. ELEV.	INVERT ELEVATION			FLEXIBLE DUCT CONNECTION
	GC	GENERAL CONTRACTOR			VOLUME DAMPER
	MC	MECHANICAL CONTRACTOR			SUPPLY AIR DIFFUSER
	CC	CONTROL CONTRACTOR			RETURN AIR, FRESH AIR, AND TRANSFER AIR
	EC	ELECTRICAL CONTRACTOR			CEILING MOUNTED EXHAUST FAN OR EXHAUST GRILLE
	FPC	FIRE PROTECTION CONTRACTOR			RETURN OR OUTSIDE AIR DUCT UP
	NIC	NOT IN CONTRACT			SUPPLY DUCT UP
	NTS	NOT TO SCALE			EXHAUST AIR INTAKE UP
	VCP	VITRIFIED CLAY PIPE			RETURN OR OUTSIDE AIR DUCT DOWN
	C	COMMON			SUPPLY DUCT DOWN
	NC	NORMALLY CLOSED			EXHAUST DUCT DOWN
	NO	NORMALLY OPEN			ROUND DUCT UP
					ROUND DUCT DOWN
					FLEXIBLE DUCT CONNECTION
				AP	ACCESS PANEL

GENERAL NOTES:

G-1 MECHANICAL INFORMATION IS NOT LIMITED TO THE MECHANICAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS INCLUDING DRAWINGS BY OTHER DISCIPLINES AND SPECIFICATIONS.

A - EACH DRAWING SHEET AND THE SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND THEY SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH ITEMS SHOWN AND NOTED ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN ALL PLACES. ITEMS IN SPECIFICATIONS OR DRAWINGS LISTED WHICH ARE DIFFERING IN EFFICIENCY OR QUALITY SHALL BE HELD TO THE GREATEST OF: EFFICIENCY, QUALITY OR GOVERNING CODE.

B - THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE INSTALLATION OF THE SYSTEMS ACCORDING TO THE TRUE INTENT AND MEANING OF THE CONTRACT DOCUMENTS.

C - THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITH PROPER SERVICE ACCESS AND CLEARANCES ACCORDING TO MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL REVIEW SUPPLIERS BID PACKAGES FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS, SCHEDULES, AND DESIGN INTENT (ALL EQUIPMENT AND METHODS). THE CONTRACTOR SHALL REMOVE AND REINSTALL CORRECTLY AT HIS OWN EXPENSE ANY EQUIPMENT NOT IN COMPLIANCE.

D - THE CONTRACTOR SHALL CONSULT MANUFACTURERS INSTALLATION INSTRUCTIONS FOR SIZES, METHODS, ACCESSORIES, AND CLEARANCES IN SPACE AVAILABLE PRIOR TO BIDDING PROJECT.

E - ANYTHING NOT CLEAR OR IN CONFLICT WILL BE EXPLAINED BY MAKING APPLICATION TO THE ENGINEER IN WRITING.

G-2 ANY AND ALL ALTERATIONS TO THE SYSTEM SHOWN SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR. ARCHITECT SHALL BE NOTIFIED IN WRITING PRIOR TO CHANGES.

G-3 CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATIONS.

G-4 THE WORKING DRAWINGS ARE DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND, OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR MECHANICAL EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL DRAWINGS. THE CONTRACTOR SHALL PROVIDE OR COORDINATE WITH THE GENERAL CONTRACTOR PROVISIONS FOR BLOCKOUTS OR CORE DRILLS THROUGH STRUCTURE.

G-5 THE INSTRUCTION TO "PROVIDE" ALSO INCLUDES INSTALLATION.

G-6 MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL SMOKE AND FIRE DAMPERS AS REQUIRED BY LOCAL CODES AND AUTHORITIES.

G-7 SHEET METAL DUCT SIZES SHOWN ON DRAWINGS ARE FREE AREA DIMENSIONS.

G-8 PROVIDE AND INSTALL BALANCING DAMPERS IN ALL SUPPLY AND EXHAUST AIR BRANCH DUCTS. BALANCE TO CFM SHOWN ON PLAN.

G-9 SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF DIFFUSERS AND GRILLES.

G-10 PROVIDE TURNING VANES IN ALL ELBOWS OF RECTANGULAR DUCT.

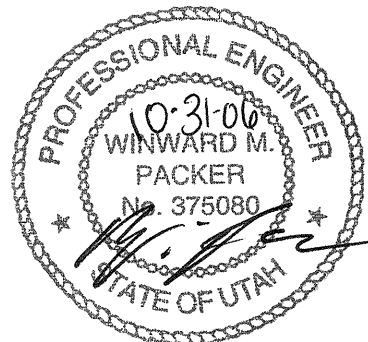
G-11 THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY IN HANDLING AND DISPOSING OF REFRIGERANTS, OILS, ETC. ALL SUCH MATERIALS SHALL BE HANDLED, DISPOSED, AND USED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS.

G-12 C.F.M. LISTED IS ACTUAL AIR.

G-13 SUPPLIERS SHALL REVIEW ALL DRAWINGS AND THE SPECIFICATIONS PRIOR TO SUBMITTING PRICES TO THE CONTRACTOR. ALL QUESTIONS AND DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO BIDDING.

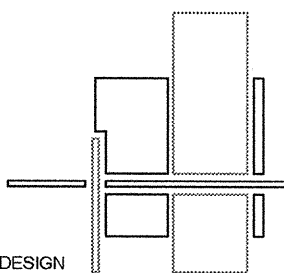
G-14 CONTRACTOR SHALL THOROUGHLY REVIEW AND SIGN SUBMITTALS FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS PRIOR TO ENGINEERS REVIEW. SUPPLIERS SHALL HIGHLIGHT OR MARK ALL INFORMATION REQUIRED TO SHOW COMPLIANCE TO THE SPECIFICATIONS. ALL REQUESTED EXCEPTIONS TO THE SPECIFICATIONS, OR SCHEDULES SHALL BE CLEARLY NOTED AND EXPLAINED. SUBMITTAL REVIEW AND ACCEPTANCE IS FOR DESIGN CONCEPT ONLY, AND DOES NOT AT ANY TIME RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO MEET SPECIFICATIONS, CAPACITIES, OR DESIGN INTENT.

G-15 ALL MECHANICAL SHALL BE INSTALLED AND CONFORM TO THE 2003 EDITION OF THE IMC WITH UTAH ANNOTATIONS AND LOCAL AUTHORITY REQUIREMENTS.



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TAYLORSVILLE, UTAH

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CLASSROOM REMODEL

MARK DATE DESCRIPTION

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CAD DWG FILE:

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SHEET TITLE

MECHANICAL GENERAL
NOTE AND LEGENDS

SHEET NUMBER

M001

SHEET 8 OF 17

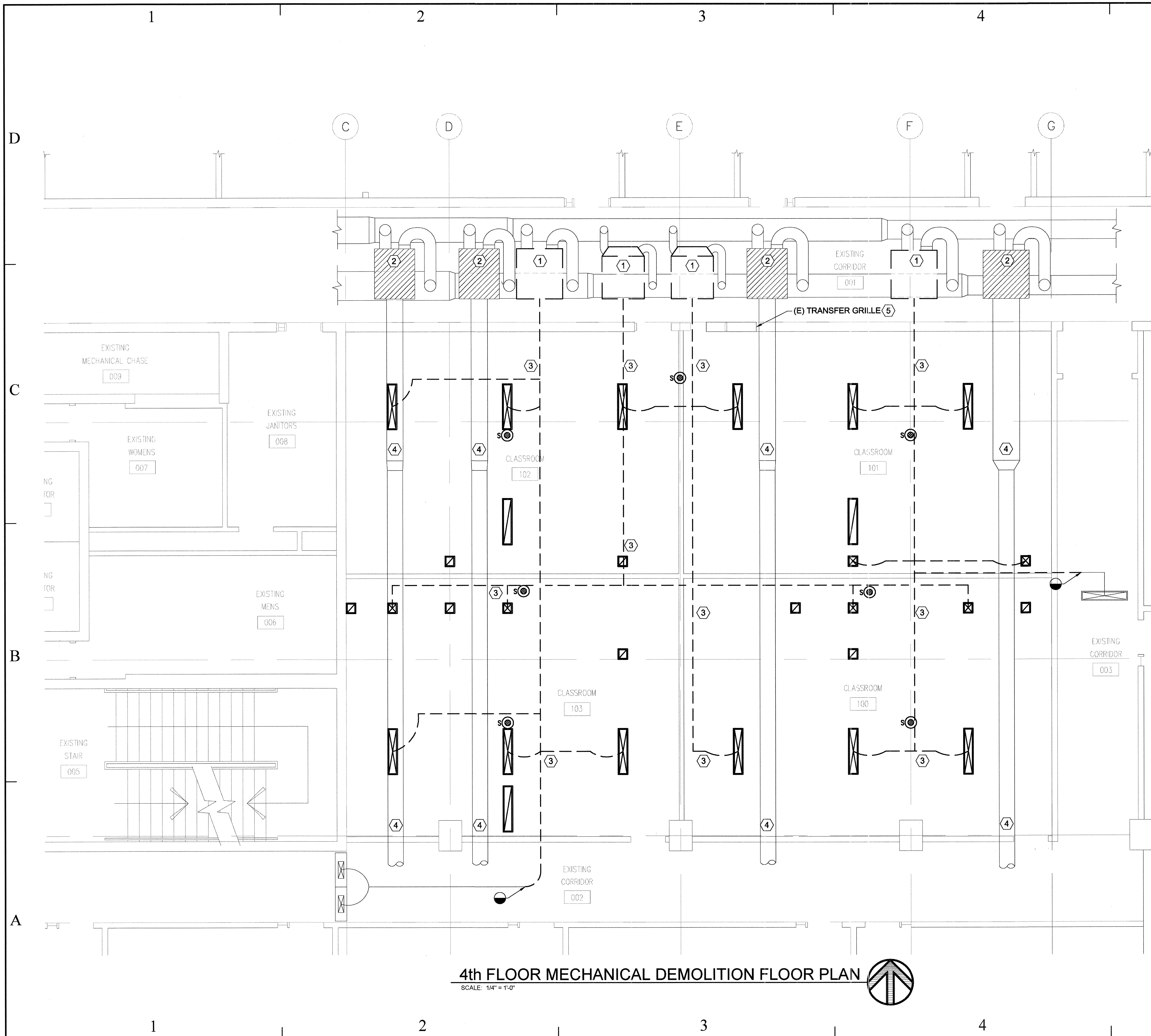
1

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4

5



SHEET NOTES:

- 1 REMOVE EXISTING DUAL DUCT BOX AS SHOWN.
- 2 EXISTING DUAL DUCT BOX SHALL REMAIN.
- 3 REMOVE DUCTWORK, DAMPERS, AND ASSOCIATED ACCESSORIES AS SHOWN.
- 4 EXISTING DUCTWORK TO REMAIN AS SHOWN.
- 5 COVER TRANSFER AIR OPENINGS DURING CONSTRUCTION TO PREVENT CONSTRUCTION DUST FROM ENTERING RETURN AIR SYSTEM.

GENERAL NOTES:

- 1 SALVAGE EXISTING CEILING DIFFUSERS AND GRILLES, ALONG WITH EXISTING THERMOSTATS AND CONTROLLERS TO OWNER.
- 2 ALL ABANDONED PNEUMATIC CONTROL TUBING SHALL BE REMOVED AND CAPPED

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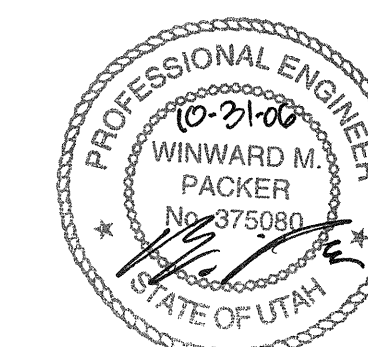
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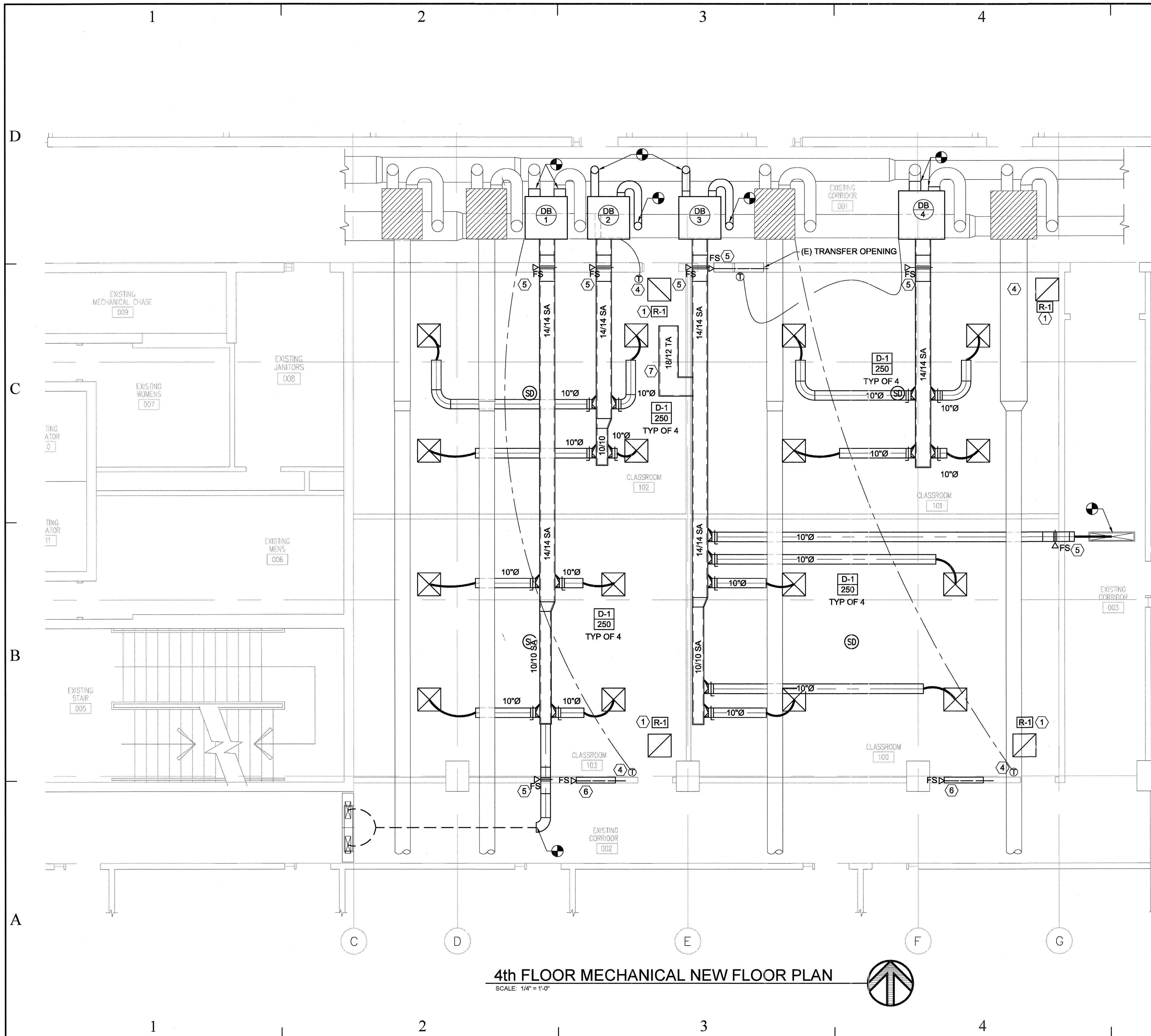
MECHANICAL DEMOLITION FLOOR PLAN

SHEET NUMBER

MD101

SHEET 9 OF 17





- SHEET NOTES:**
- 1 PROVIDE SOUND BOOT ON RETURN GRILLES. SEE DETAIL SHEET ME501.
 - 2 PROVIDE NEW DUAL DUCT BOXES AS SHOWN. TIE INTO EXISTING MEDIUM PRESSURE DUCTS IN COORIDOR.
 - 3 PROVIDE NEW SUPPLY DUCTS. TIE INTO EXISTING AT THIS APPROXIMATE LOCATION. TRANSITION AS NECESSARY. FIELD VERIFY EXACT SIZE AND LOCATION.
 - 4 PROVIDE NEW THERMOSTAT. TIE INTO BOX AS SHOWN. TIE INTO EXISTING N2 CONTROLLERS IN BUILDING.
 - 5 PROVIDE NEW FIRE/SMOKE DAMPERS AT EXISTING CORRIDOR PENETRATIONS. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING PENETRATIONS PRIOR TO ORDERING DAMPERS. INSTALL DAMPERS PER MANUFACTURERS INSTRUCTIONS AND SEAL AROUND DAMPER WITH AN APPROVED FIRE SEALANT.
 - 6 COORDINATE WITH G.C. TO PROVIDE NEW 18"x12" TRANSFER AIR OPENING ABOVE CEILING. PROVIDE NEW FIRE/SMOKE DAMPERS AT NEW PENETRATIONS. INSTALL DAMPERS PER MANUFACTURERS INSTRUCTIONS AND SEAL AROUND DAMPER WITH AN APPROVED FIRE SEALANT.
 - 7 PROVIDE 18"x12" LINED DUCT TRANSFER AIR BOOT AS SHOWN.

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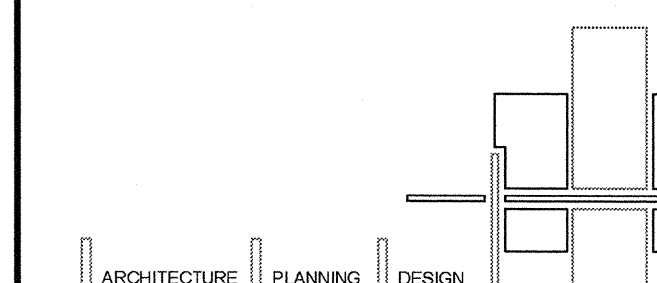
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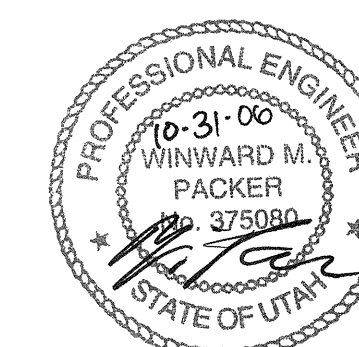
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MECHANICAL NEW FLOOR PLAN

SHEET NUMBER

ME101

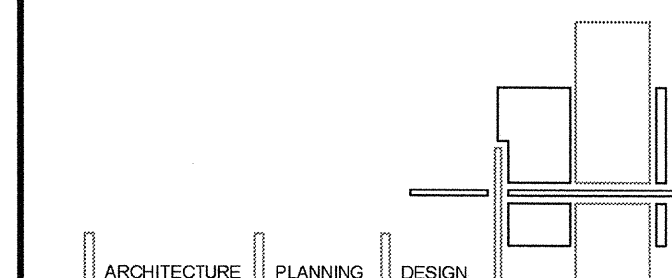
SHEET 10 OF 17





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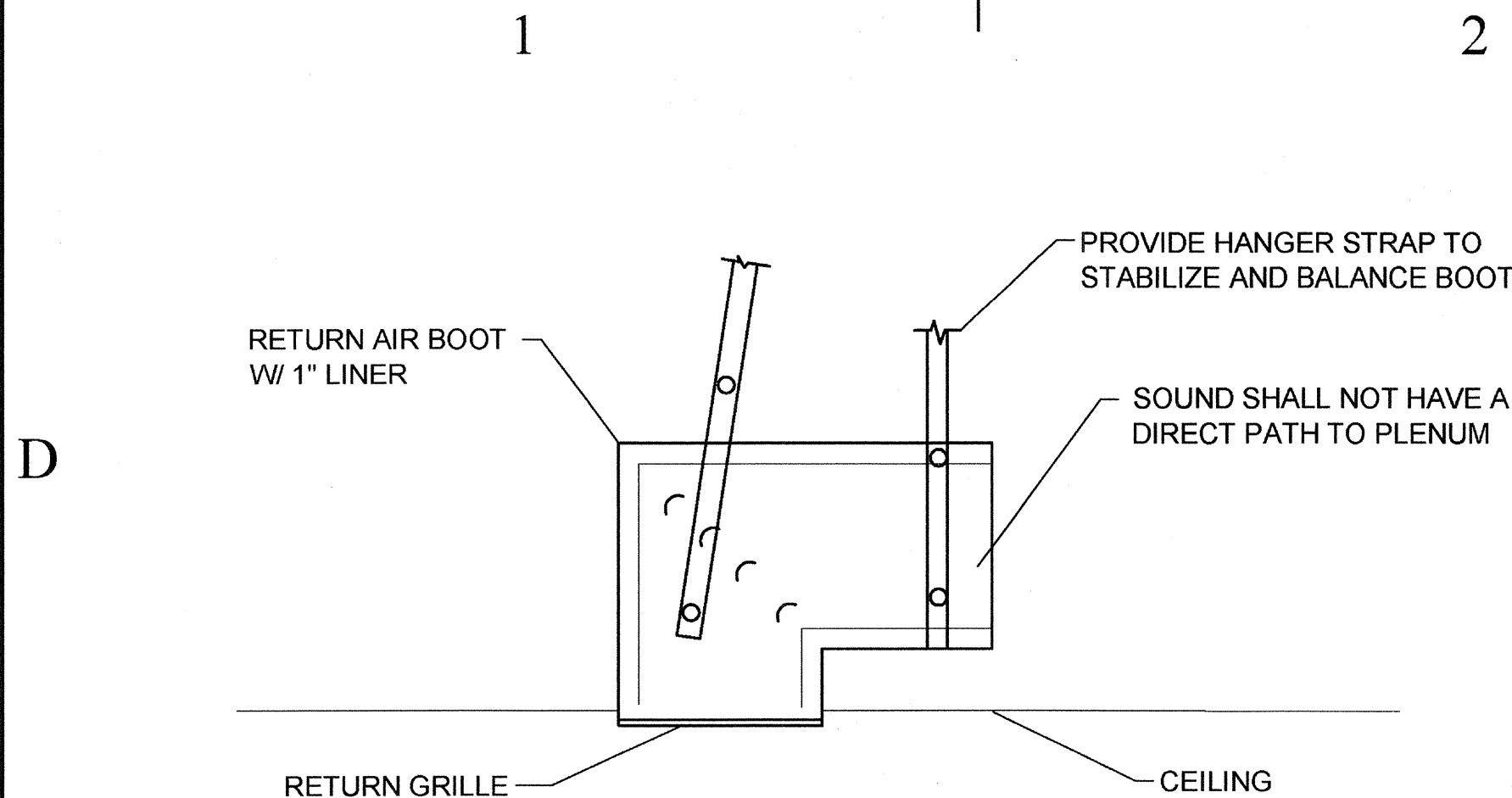
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MECHANICAL DETAILS

SHEET NUMBER

ME501

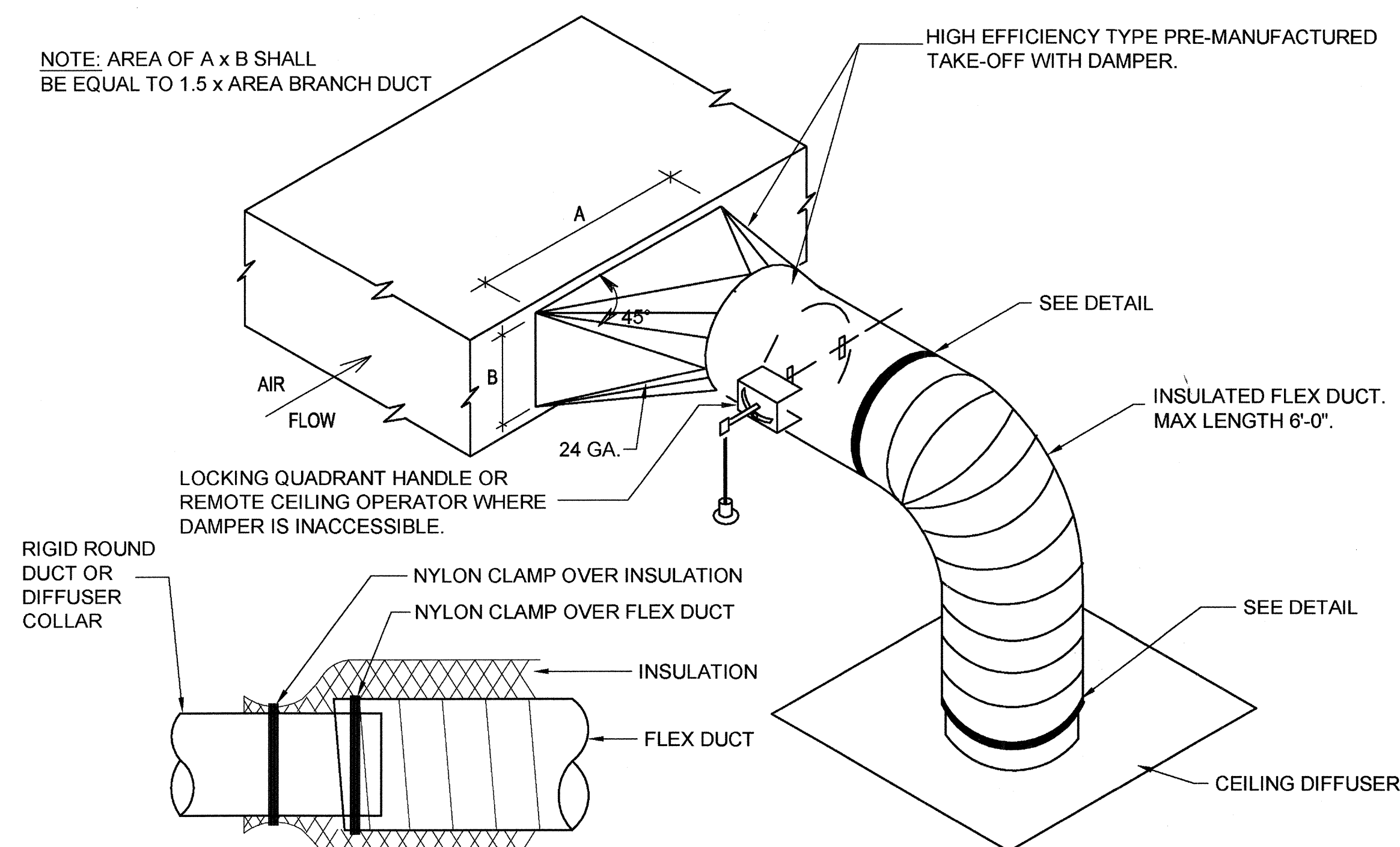
SHEET 11 OF 17



D1 RETURN AIR BOOT DETAIL
SCALE: NONE

NOTE: TAKE-OFFS SHOULD NOT BE INSTALLED CLOSER THAN TWO WIDTHS TO ELBOWS OR INTERSECTIONS

NOTE: AREA OF A x B SHALL BE EQUAL TO 1.5 x AREA BRANCH DUCT

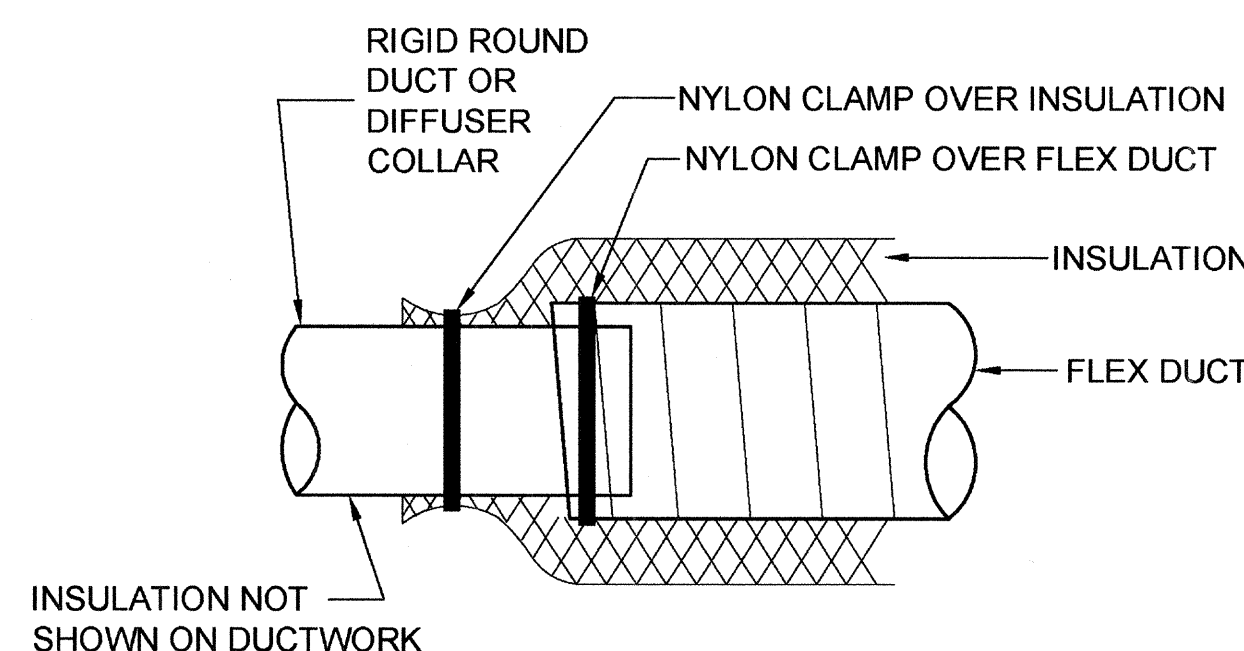


B1 SQUARE-TO-ROUND TAKE-OFF DETAIL
SCALE: NONE

HANGER SIZES FOR DOUBLE HUNG RECTANGULAR DUCTS						
MAXIMUM HALF OF DUCT PERIMETER P/2 =	PAIR AT 10 FT. SPACING		PAIR AT 8 FT. SPACING		PAIR AT 4 FT. SPACING	
	STRAP	WIRE/ROD	STRAP	WIRE/ROD	STRAP	WIRE/ROD
30"	1" x 22 ga.	10 ga.	1" x 22 ga.	10 ga.	1" x 22 ga.	12 ga.
72"	1" x 18 ga.	3/8"	1" x 20 ga.	1/4"	1" x 22 ga.	1/4"
96"	1" x 16 ga.	3/8"	1" x 18 ga.	3/8"	1" x 22 ga.	1/4"
120"	1-1/2" x 16 ga.	1/2"	1" x 16 ga.	3/8"	1" x 20 ga.	1/4"
168"	1-1/2" x 16 ga.	1/2"	1-1/2" x 16 ga.	1/2"	1" x 18 ga.	3/8"
192"	---	1/2"	1-1/2" x 16 ga.	1/2"	1" x 16 ga.	3/8"

193" AND UP REQUIRE SPECIAL ANALYSIS

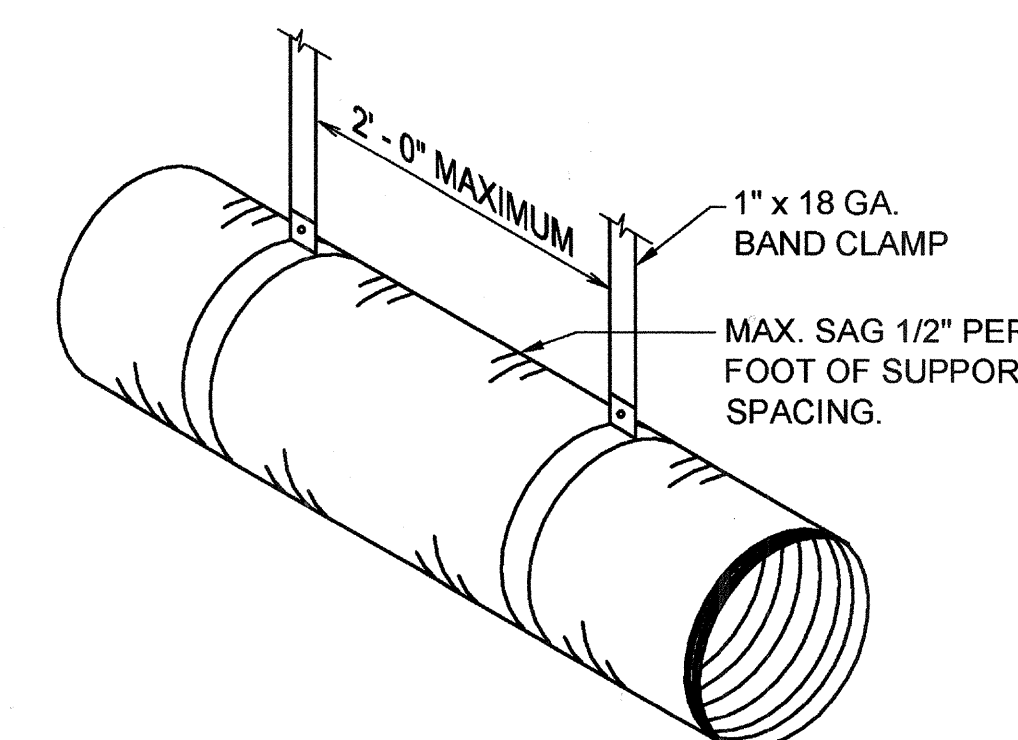
A1 DUCT HANGER SIZING
SCALE: NONE



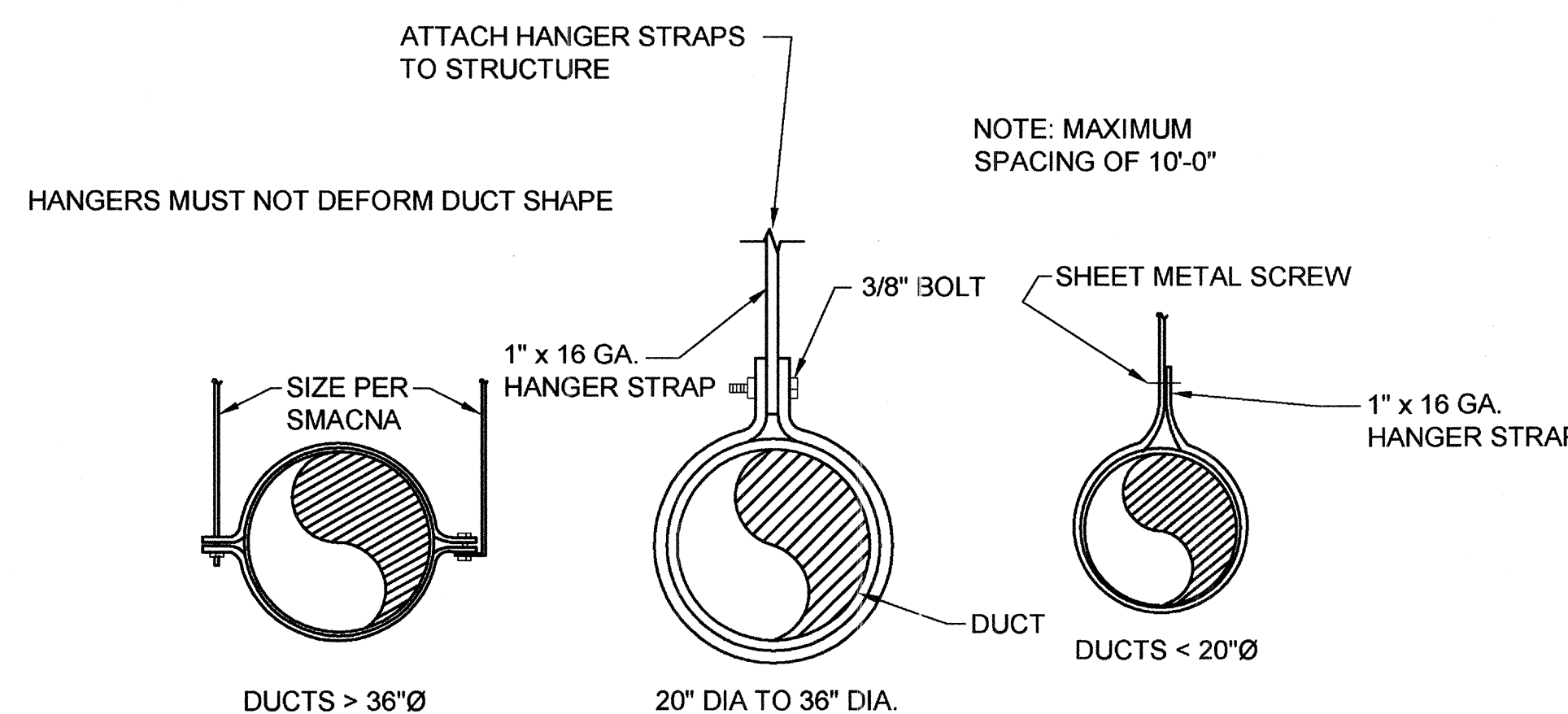
D4 ROUND-TO-ROUND DUCT CONSTRUCTION DETAIL
SCALE: NONE

LOW PRESSURE ROUND DUCT CONSTRUCTION SCHEDULE				
DUCT DIAMETER IN INCHES	MAXIMUM 2" W.G. STATIC POSITIVE		MAXIMUM 2" W.G. STATIC NEGATIVE	
	SPIRAL SEAM GAUGE	LONGITUDINAL SEAM GAUGE	SPIRAL SEAM GAUGE	LONGITUDINAL SEAM GAUGE
3 thru 8	28	28	28	24
9 thru 14	28	26	26	24
15 thru 26	26	24	24	22
27 thru 36	24	22	22	20
37 thru 50	22	20	20	18

B3 LOW PRESSURE ROUND DUCT CONSTRUCTION DETAIL
SCALE: NONE



B4 FLEXIBLE DUCT SUPPORT DETAIL
SCALE: NONE



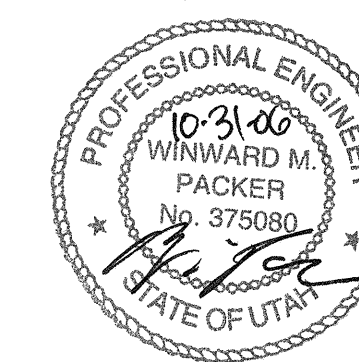
A3 ROUND DUCT SUPPORT DETAIL
SCALE: NONE

1. TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

SCALE: NONE



SHEET 12 OF 17



D


C

B

A

REGISTER, LOUVER & GRILLE SCHEDULE							
SYMBOL	TYPE	SERVICE	MAX CFM	NOMINAL SIZE	THROAT SIZE	CEILING TYPE	SCHEDULE NOTES
R-5	CEILING	RETURN	1200	22/22	22/22	LAY-IN	1,2,3,4
REGISTER, LOUVER AND DIFFUSER SCHEDULE NOTES:							
1. MAXIMUM NC = 25 @ MAXIMUM CFM NOTED.							
2. SHALL BE PRICE 535 OR EQUAL BY OTHER APPROVED MANUFACTURERS.							
3. SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.							
4. FINISH SHALL BE OFF-WHITE BAKED ENAMEL.							

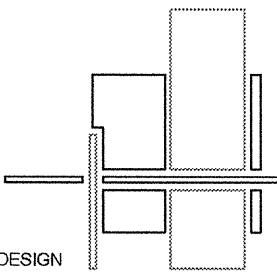
DUAL DUCT VAV BOX SCHEDULE									
SYMBOL	SERVES	INLET DIA. (INCHES)	OUTLET (INCHES)	PRIMARY AIRFLOW		NC LEVEL	ELECT.	MANUF. & MODEL #	SCHEDULE NOTES
				MAX CFM	MIN CFM				
<div>DB 1</div>	CLASSROOM	10"	14x13	1000	220	25		PRICE DPS 5000	-
<div>DB 2</div>	CLASSROOM	10"	14x13	1000	220	25		PRICE DPS 5000	-
<div>DB 3</div>	CLASSROOM	10"	14x13	1000	220	25		PRICE DPS 5000	-
<div>DB 4</div>	CLASSROOM	10"	14x13	1000	220	25		PRICE DPS 5000	-

DIFFUSER SCHEDULE								
SYMBOL	TYPE	MAX CFM	FACE SIZE	NCK SIZE	CEILING TYPE	BLOW	PATTERN	SCHEDULE NOTES
D-3 CFM	CEILING	380	12X12	10"Ø	LAY-IN	4-WAY		1,2,3
1. PROVIDE LAY-IN CEILING AND BORDER / MODULE AS REQUIRED. SEE ARCHITECTURAL CEILING PLANS.								
2. MAXIMUM NC 25 AT CFM LISTED.								
3. TRANSITION AS REQUIRED TO DUCT WORK SHOWN ON PLAN.								



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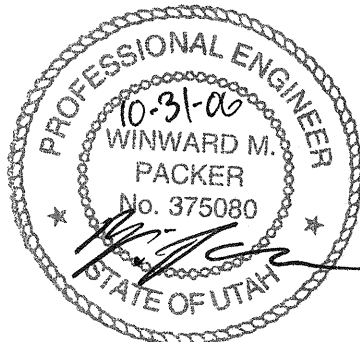
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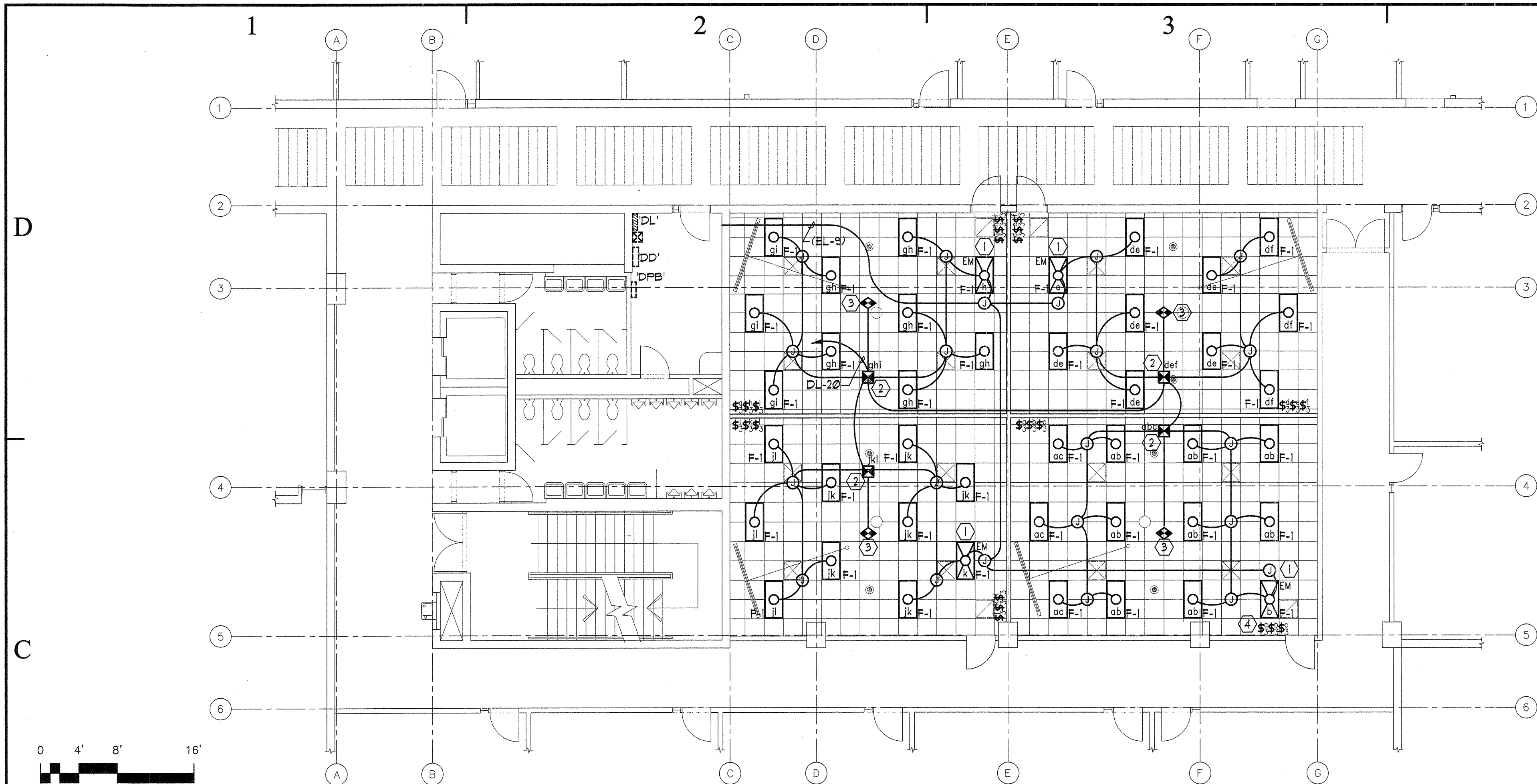
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SCHEDULES

SHEET NUMBER

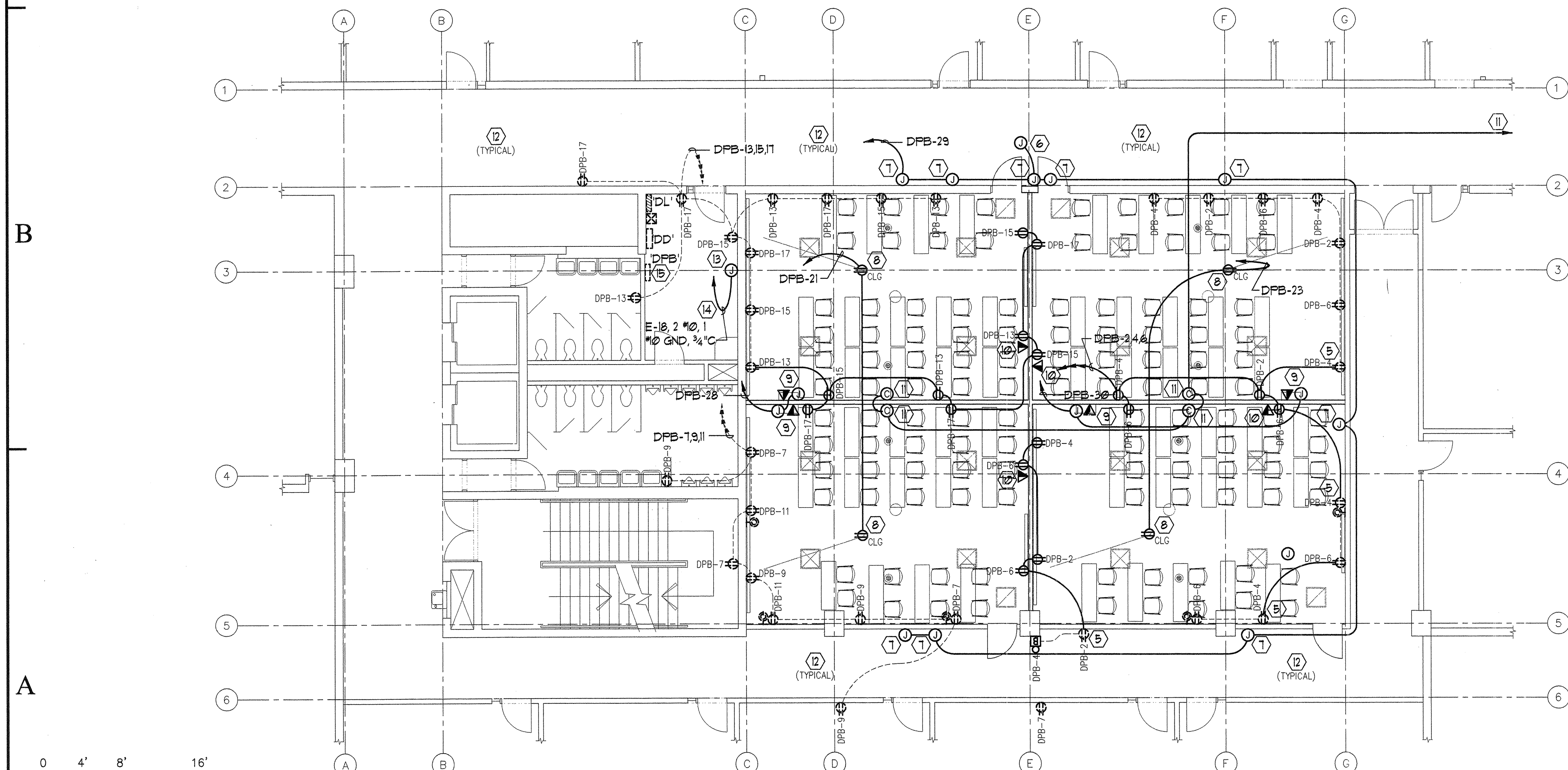
ME601

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NEW LIGHTING PLAN
SCALE 1/8" = 1'-0"
PLAN NORTH

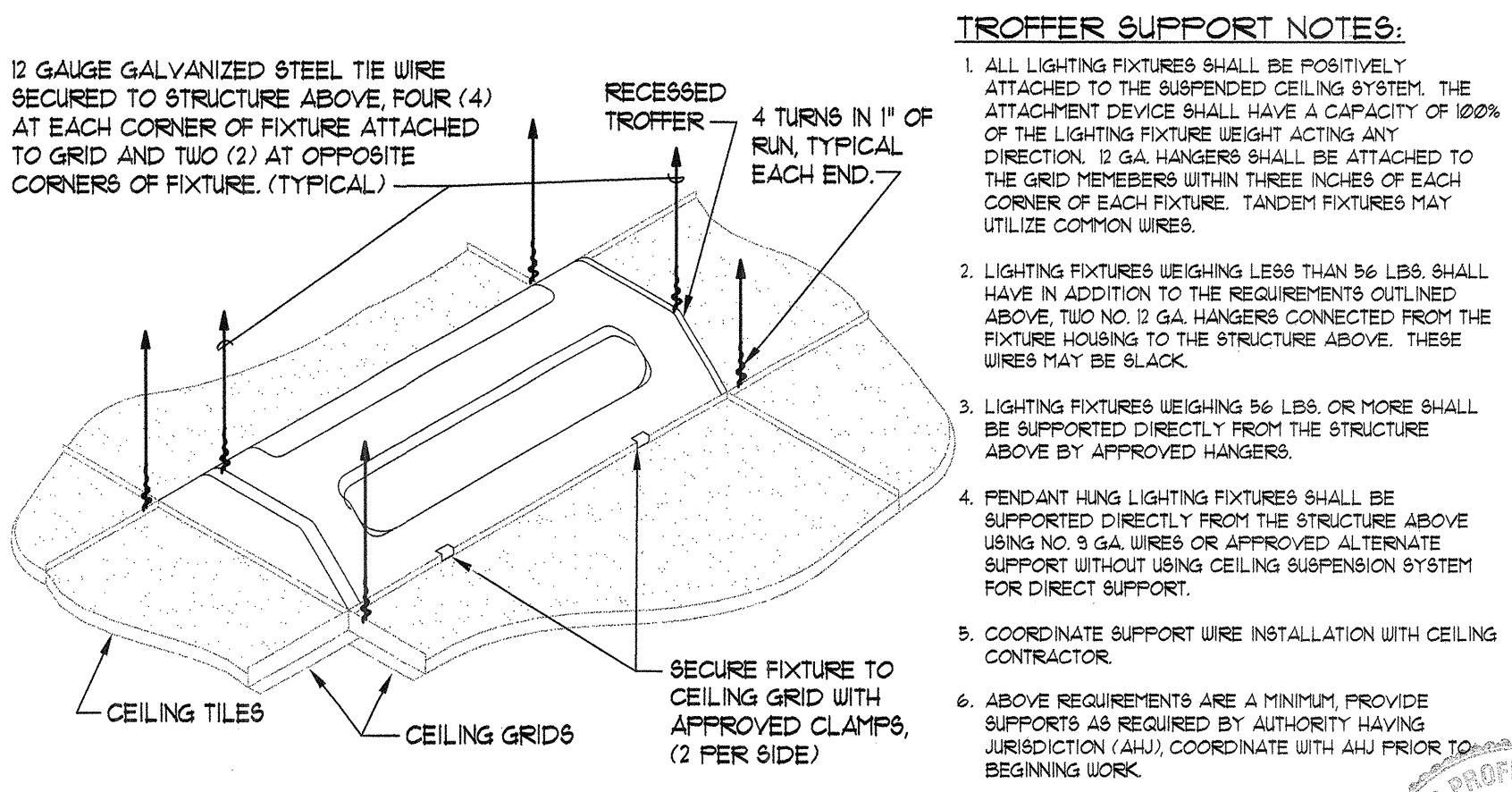


NEW EQUIPMENT PLAN
SCALE 1/8" = 1'-0"
PLAN NORTH

FIXTURE SCHEDULE				
SYMBOL	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMP
F-8	COLUMBIA DAY-BRITE HUBBELL LIGHTOLIER LITHONIA	P424-332G-LS18S-12EB8LH-277 2P36S-332-36FL-277-1/12-EB10 DP36S28TB DP32G18PS340-277-DLS-2/1-10XTHD 2PM3NGB-332-18LS-277-GE10	2' x 4' 3 LAMP, LAY-IN FLUORESCENT FIXTURE WITH FLOATING BODY, 3" DEEP, 18 CELL LOW IRIDESCENCE SPECULAR ALUMINUM LOUVER, ONE 2 LAMP & ONE 1 LAMP, 277 VOLT, <10% THD ELECTRONIC BALLASTS.	3F32TB/TL835

- GENERAL NOTES:**
- COORDINATE FIXTURE LOCATIONS WITH ARCHITECT'S REFLECTED CEILING PLAN, CEILING CONTRACTOR, BUILDING STRUCTURE, MECHANICAL EQUIPMENT & DUCTWORK LOCATIONS, ETC.
 - CONNECT EMERGENCY LIGHT FIXTURES TO THE SAME EMERGENCY BRANCH CIRCUIT, AHEAD OF ANY LOCAL SWITCHES.
 - COORDINATE MECHANICAL EQUIPMENT LOCATIONS WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR.
 - WHERE BRANCH CIRCUIT HOMERUNS INDICATE WIRE SIZES, USE THAT SIZE WIRE THROUGHOUT THE BRANCH CIRCUIT, INCLUDING SWITCH LEGS, ETC.
 - TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO THE EXISTING BUILDING. REPAIR ALL DAMAGE INCURRED BY DEMOLITION AND NEW CONSTRUCTION TO EXACTLY MATCH EXISTING SURFACES AND/OR CONDITIONS WITHOUT ADDITIONAL COST TO THE OWNER. COORDINATE REPAIRS WITH THE GENERAL CONTRACTOR.

- REFERENCE NOTES:**
- CONNECT ONE 2 LAMP BALLAST OF FIXTURES DESIGNATED AS "EM" TO NEW 277 VOLT EMERGENCY BRANCH CIRCUIT.
 - PROVIDE NEW MOTION SENSOR SWITCHPACK IN ACCESSIBLE CEILING SPACE. CONNECT LINE SIDE TO UNSWITCHED CIRCUIT CONDUCTOR. CONNECT LOAD SIDE TO SWITCH(ES) AND FIXTURES INDICATED BY LETTER DESIGNATION.
 - PROVIDE NEW 2-WAY MOTION SENSOR IN EXISTING CEILING. INSTALL CONTROL WIRING TO SWITCHPACK IN MINIMUM 1/2" CONDUIT.
 - INSTALL NEW SWITCH(ES), OUTLET(S), DEVICE(S), ETC. IN EXISTING WALL. PATCH AND REPAIR WALL TO MATCH SURROUNDING FINISHES. COORDINATE WITH GENERAL CONTRACTOR.
 - RECONNECT BRANCH CIRCUIT TO EXISTING OUTLETS TO REMAIN AT MASONRY WALLS. FIELD VERIFY REQUIREMENTS.
 - INSTALL JUNCTION BOX ADJACENT NEW VAV BOX. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR.
 - PROVIDE LINE VOLTAGE CONNECTION TO FIRE/SMOKE DAMPER THRU POWER RELAY INTERLOCKED WITH FIRE ALARM SYSTEM CONTROL RELAY. POWER RELAY: SYSTEM SENSOR R-102 WITH 24 VAC, 24V DC, 120 VAC, 230 VAC MULTI-VOLTAGE COIL, 8PDT CONTACTS RATED 10 AMPS AT 120 VAC, LED INDICATOR AND STEEL ENCLOSURE. COORDINATE WITH FIRE ALARM CONTRACTOR AND MECHANICAL CONTRACTOR.
 - PROVIDE OUTLET MOUNTED FLUSH IN CEILING. RIGIDLY SUPPORT OUTLET BOX. COORDINATE LOCATION AND REQUIREMENTS WITH OWNER'S A/E REPRESENTATIVE PRIOR TO BEGINNING WORK.
 - PROVIDE BRANCH CIRCUIT TO WALL MOUNTED A/V PODIUM. PROVIDE ONE (1) 1" FC FROM A/V PODIUM TO DATA ROOM 4206. PROVIDE THREE (3) 1/2" FC FROM A/V PODIUM TO ACCESSIBLE CEILING SPACE. TERMINATE CONDUITS WITH INSULATED BUSHING. PROVIDE FULL STRING IN EMPTY RACEWAYS. COORDINATE REQUIREMENTS WITH OWNER'S A/E AND DATA SYSTEMS REPRESENTATIVES.
 - PROVIDE ONE (1) 1" FC FROM DATA OUTLET TO DATA ROOM 4206. TERMINATE CONDUITS WITH INSULATED BUSHING. PROVIDE FULL STRING IN EMPTY RACEWAYS. COORDINATE REQUIREMENTS WITH OWNER'S DATA SYSTEM REPRESENTATIVE.
 - PROVIDE NEW SYNCHRO FREQUENCY CLOCK COMPATIBLE WITH SIMPLEX TIME SIGNAL GENERATOR SYSTEM. CONNECT NEW CLOCKS TO EXISTING CLOCK CIRCUIT AT EXISTING CLOCK AT EAST END OF CORRIDOR. PROVIDE 4 #2, 3/4" C CONTROL. COORDINATE CLOCK REQUIREMENTS INCLUDING LOCATION OF NEAREST EXISTING SYNCHRO FREQUENCY CLOCK. CONNECTION REQUIREMENTS AND CLOCK REQUIREMENTS WITH SIMPLEX REPRESENTATIVE AND OWNER'S REPRESENTATIVE.
 - EXISTING PAINTED METAL PERFORATED PANEL CEILING SYSTEM. ELECTRICAL CONTRACTOR SHALL CLEAN AND REPLACE EXISTING METAL PANEL AS REQUIRED TO INSTALL NEW RACEWAYS. METAL PANELS SHALL BE PLACED IN PROPER ALIGNMENT.
 - PROVIDE EMERGENCY BRANCH CIRCUIT TO NEW FIRE ALARM SYSTEM NAC PANEL. COORDINATE REQUIREMENTS WITH FIRE ALARM SYSTEM INSTALLER.
 - PROVIDE NEW VERTICAL CONDUIT RISER AT STACKED SERVICE ROOMS. INSTALL CONDUIT CONCEALED IN MAIN FLOOR CORRIDOR TO PANEL "EP". SEE REFERENCE PLAN SHEET E-102. PROVIDE JUNCTION BOX AT EACH FLOOR ADJACENT CEILING, CLEARLY MARKED WITH BRANCH CIRCUIT. PROVIDE ALL NECESSARY DRILLING, FIRE SEALS, ETC AS REQUIRED THROUGH FLOORS AND WALL.
 - PROVIDE THREE (3) 1P-20A BRANCH BREAKER IN EXISTING PANEL "DPB" WESTHOUSE TYPE NGBI PANELBOARD INCLUDING ALL NECESSARY HARDWARE AND ACCESSORIES.



TYPICAL LAY-IN FIXTURE SUPPORT DETAIL
SCALE NOT TO SCALE

Internet: <http://www.dfc.state.ut.us>



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4600 SOUTH REDWOOD ROAD TAYLORSVILLE, UTAH

PROJECT TITLE:

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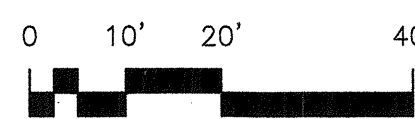
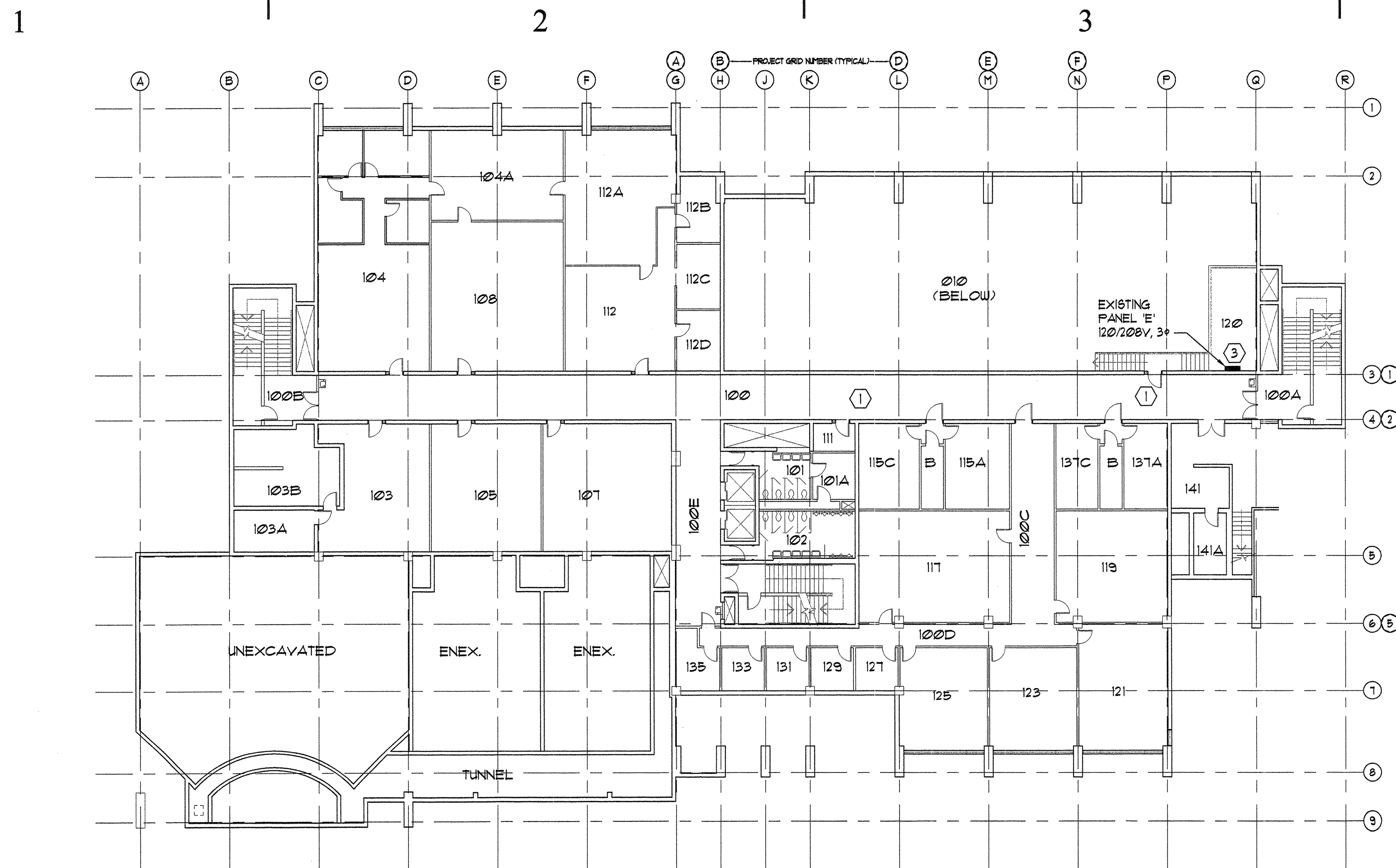
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ELECTRICAL PLANS

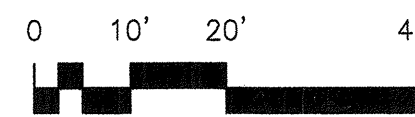
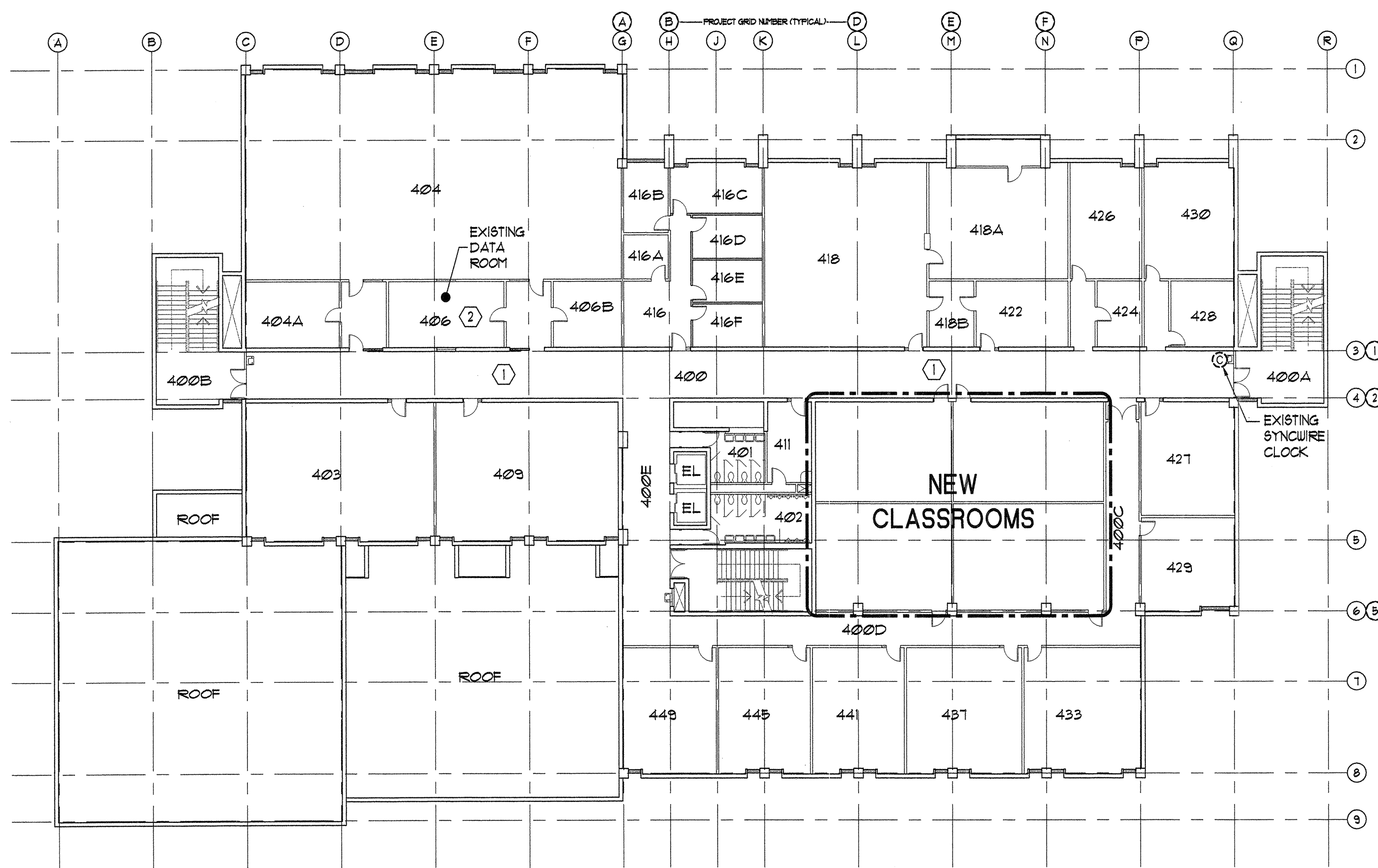
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E-101

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LEVEL 1 REFERENCE PLAN
SCALE 1" = 20'-0"



LEVEL 4 REFERENCE PLAN
SCALE 1" = 20'-0"

GENERAL NOTES:

- COORDINATE FIXTURE LOCATIONS WITH ARCHITECT'S REFLECTED CEILING PLAN, CEILING CONTRACTOR, BUILDING STRUCTURE, MECHANICAL EQUIPMENT & DUCTWORK LOCATIONS, ETC.
- CONNECT EMERGENCY LIGHT FIXTURES TO THE SAME EMERGENCY BRANCH CIRCUIT, AHEAD OF ANY LOCAL SWITCHES.
- COORDINATE MECHANICAL EQUIPMENT LOCATIONS WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR.
- WHERE BRANCH CIRCUIT HOMERUNS INDICATE WIRE SIZES, USE THAT SIZE WIRE THROUGHOUT THE BRANCH CIRCUIT, INCLUDING SWITCH LEGS, ETC.
- TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO THE EXISTING BUILDING. REPAIR ALL DAMAGE INCURRED BY DEMOLITION AND NEW CONSTRUCTION TO EXACTLY MATCH EXISTING SURFACES AND/OR CONDITIONS WITHOUT ADDITIONAL COST TO THE OWNER. COORDINATE REPAIRS WITH THE GENERAL CONTRACTOR.

REFERENCE NOTES:

- EXISTING PAINTED METAL PERFORATED PANEL CEILING SYSTEM. ELECTRICAL CONTRACTOR SHALL CLEAN AND REPLACE EXISTING METAL PANEL AS REQUIRED TO INSTALL NEW RACEWAYS. METAL PANELS SHALL BE PLACED IN PROPER ALIGNMENT.
- COORDINATE POINT OF TERMINATION WITH OWNER'S DATA SYSTEM REPRESENTATIVE PRIOR TO BEGINNING WORK.
- PROVIDE 1P-20A BRANCH BREAKER IN EXISTING PANEL 'EP' WESTHOUSE TYPE 'NGB' PANELBOARD INCLUDING ALL NECESSARY HARDWARE AND ACCESSORIES.

SYMBOL LIST

SYMBOL	DESCRIPTION
	NEW FLUORESCENT FIXTURE
	NEW FLUORESCENT FIXTURE WITH CONNECTED TO EMERGENCY CIRCUIT
	EXISTING CEILING MOUNTED FIXTURE
	EXISTING WALL MOUNTED FIXTURE
	EXISTING FLUORESCENT FIXTURE
	EXISTING RECESSED FIXTURE
	EXISTING EXIT LIGHT
	NEW SINGLE POLE SWITCH
	NEW THREE WAY SWITCH
	NEW MOTION SENSOR SWITCHPACK
	NEW 2-WAY CEILING MOUNTED MOTION SENSOR
	EXISTING SINGLE POLE SWITCH
	EXISTING THREE WAY SWITCH
	NEW JUNCTION BOX
	EXISTING JUNCTION BOX
	NEW DUPLEX RECEPTACLE
	NEW DOUBLE DUPLEX RECEPTACLE
	NEW CLOCK
	NEW TELEPHONE/DATA OUTLET
	EXISTING TELEPHONE OUTLET
	EXISTING POWER PANELBOARD, 120/208 VOLT, 3 PHASE
	EXISTING POWER PANELBOARD, 277/480 VOLT, 3 PHASE
	NEW 3 PHASE, 4 WIRE HOMERUN INDICATING PANEL AND CIRCUIT NUMBERS
	NEW BRANCH CIRCUIT CONCEALED IN WALL OR CEILING
	NEW BRANCH CIRCUIT CONCEALED IN FLOOR OR WALL
	NEW BRANCH CIRCUIT EXPOSED ON WALL OR CEILING
	EXISTING BRANCH CIRCUIT
	FIRE / SMOKE DAMPER
	FIRE ALARM ADDRESSABLE RELAY MODULE
	RELAY
	EXISTING MOTOR STARTER OR CONTROL PANEL
	FIXTURE SCHEDULE SYMBOL
	NEW SMOKE DETECTOR INDICATING DEVICE ADDRESS NUMBER
	NEW HORN/SSTROBE INDICATING STROBE EFFECTIVE CANDLEPOWER
	EXISTING SMOKE DETECTOR INDICATING DEVICE ADDRESS NUMBER
	EXISTING HORN/SSTROBE
	ROOM NUMBER
	KEYED NOTE SYMBOL



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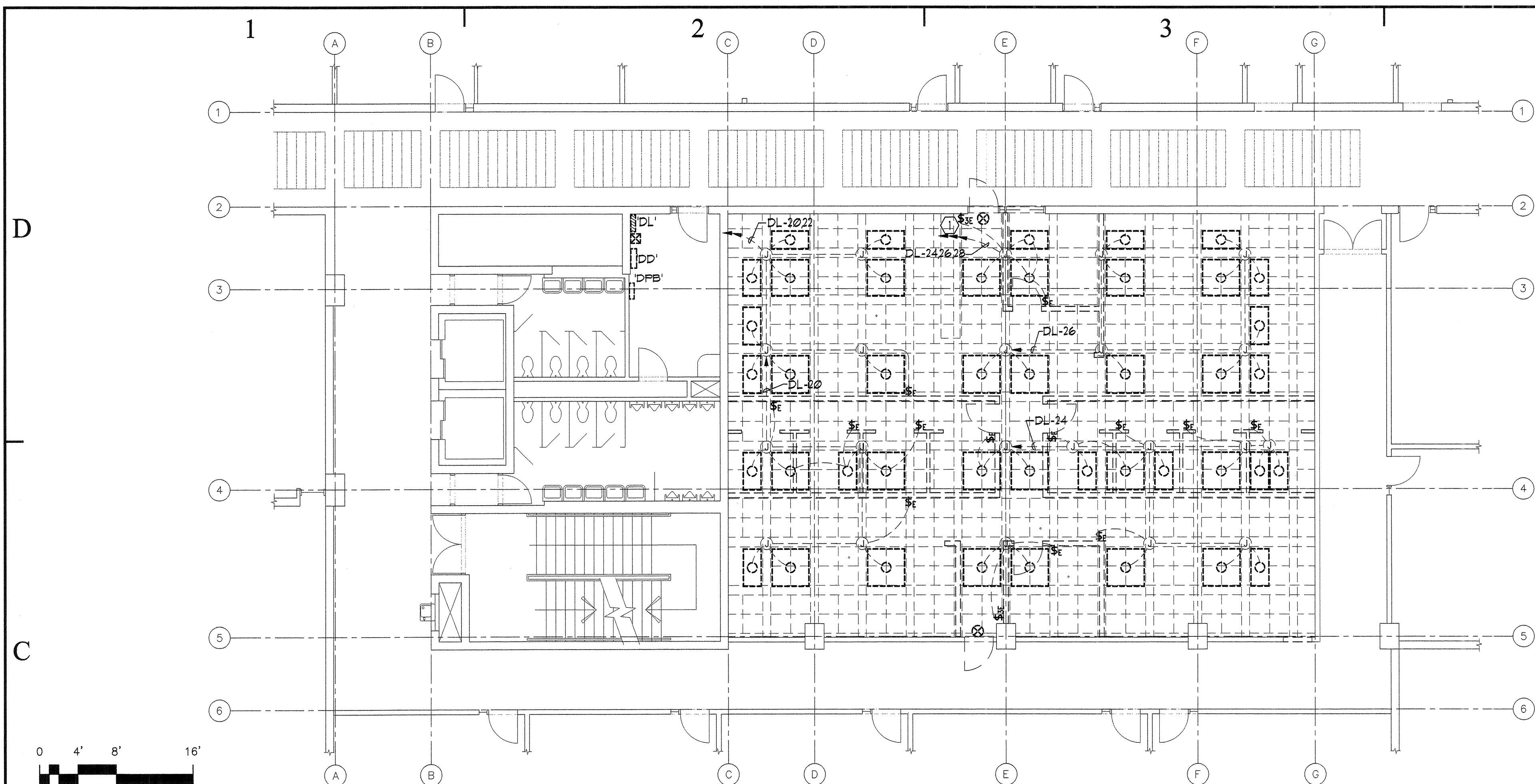
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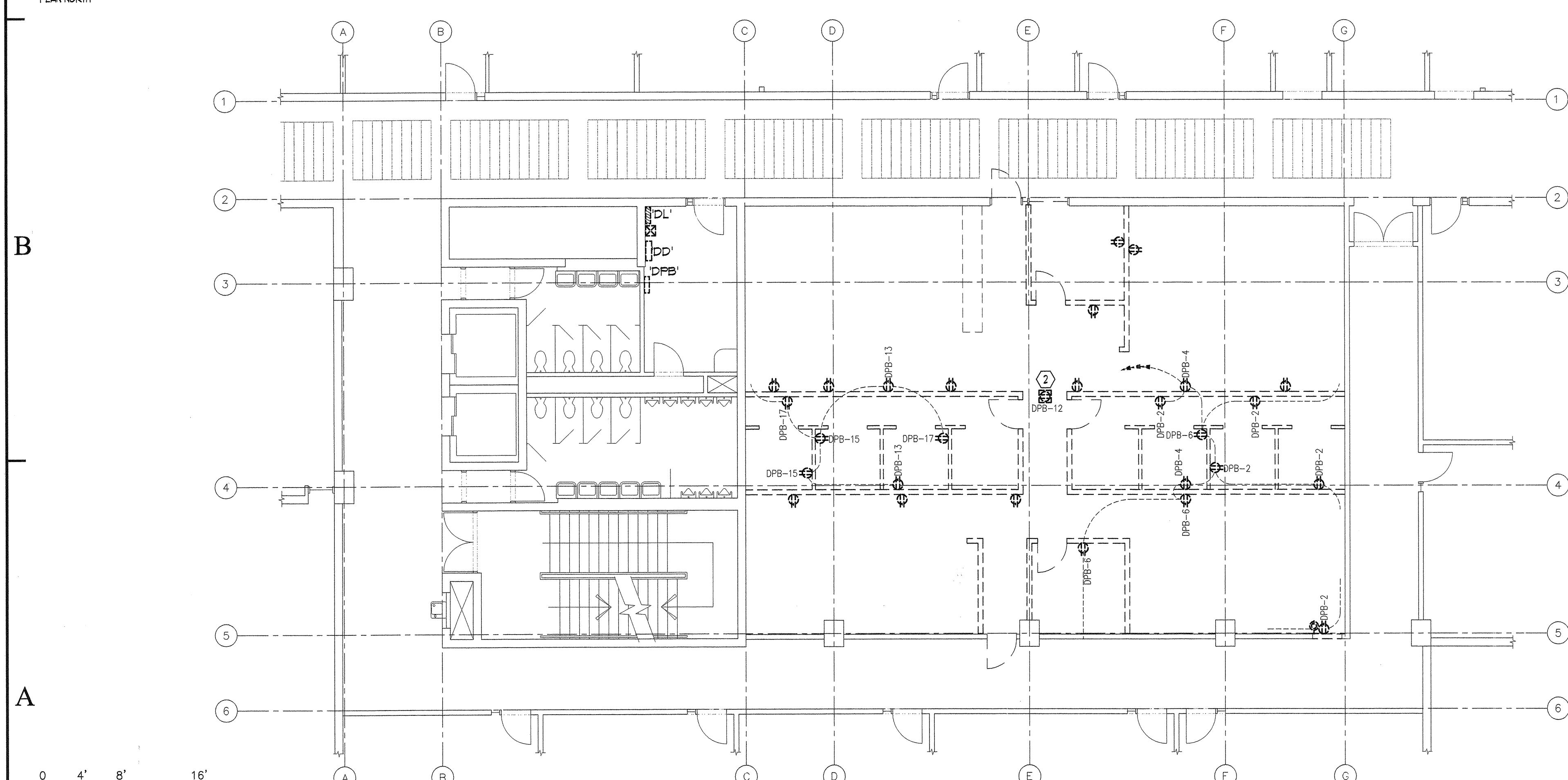
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SHEET NUMBER

E-102



DEMOLITION LIGHTING PLAN
SCALE 1/8" = 1'-0"
PLAN NORTH



DEMOLITION EQUIPMENT PLAN
SCALE 1/8" = 1'-0"
PLAN NORTH

DEMOLITION NOTES:

1. LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT, LIGHTING, SWITCHES, OUTLETS, BRANCH CIRCUIT WIRING, ETC., ARE BASED ON EXISTING BUILDING ELECTRICAL DRAWINGS AND FIELD OBSERVATION OF EXISTING SURFACE CONDITIONS. FIELD VERIFY EXISTING LOCATIONS AND CIRCUITING AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WHICH MAY ADVERSELY AFFECT COMPLETION OF THE WORK.
2. DEMOLITION PLAN IS SHOWN FOR CONTRACTORS REFERENCE ONLY. FIELD VERIFY QUANTITIES AND LOCATIONS OF ALL EXISTING MATERIAL AND EQUIPMENT TO BE REMOVED. REMOVE ALL ABANDONED CONDUIT WIRING, JUNCTION BOXES, OUTLETS, LIGHT FIXTURES, EQUIPMENT, ETC. WHETHER SPECIFICALLY SHOWN OR NOT.
3. REMOVE ALL EXISTING FIXTURES, OUTLETS, SWITCHES, ETC., SHOWN, EXCEPT WHERE SPECIFICALLY NOTED TO REMAIN OR BE RELOCATED.
4. CONTRACTOR MAY USE EXISTING BRANCH CIRCUIT WIRING AND RACEWAYS WHERE CONVENIENT TO CONNECT TO NEW ELECTRICAL DEVICES ONLY IF THE EXISTING WIRING AND RACEWAYS ARE IN GOOD CONDITION AND MEET DIVISION 16 SPECIFICATION REQUIREMENTS FOR NEW WIRING AND RACEWAYS.
5. WHERE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT INTERRUPTS EXISTING BRANCH CIRCUITS OR FEEDERS TO EXISTING EQUIPMENT TO REMAIN, FURNISH AND INSTALL NEW CONDUIT AND WIRING AS REQUIRED TO RECONNECT THE EXISTING EQUIPMENT TO REMAIN.
6. ALL MATERIALS AND EQUIPMENT REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO THE OWNER FOR STORAGE OR BE DISPOSED OF BY THE CONTRACTOR AS DIRECTED BY THE OWNER.
7. TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO THE EXISTING BUILDING. REPAIR ALL DAMAGE INCURRED BY DEMOLITION AND NEW CONSTRUCTION TO EXACTLY MATCH EXISTING SURFACES AND/OR CONDITIONS WITHOUT ADDITIONAL COST TO THE OWNER. COORDINATE REPAIRS WITH THE GENERAL CONTRACTOR.

REFERENCE NOTES:

- ① REMOVE EXISTING SWITCH AND WIRING. INSTALL BLANK COVERPLATE ON EXISTING OUTLET BOX.
- ② REMOVE EXISTING FLOOR OUTLETS AND CAP FLUSH WITH CONCRETE SLAB. FIELD VERIFY REQUIREMENTS.



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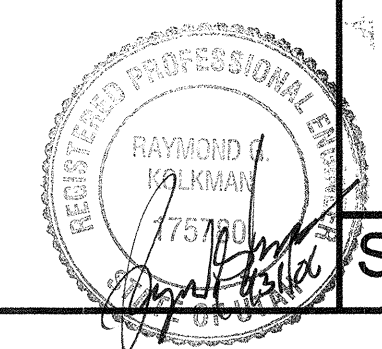
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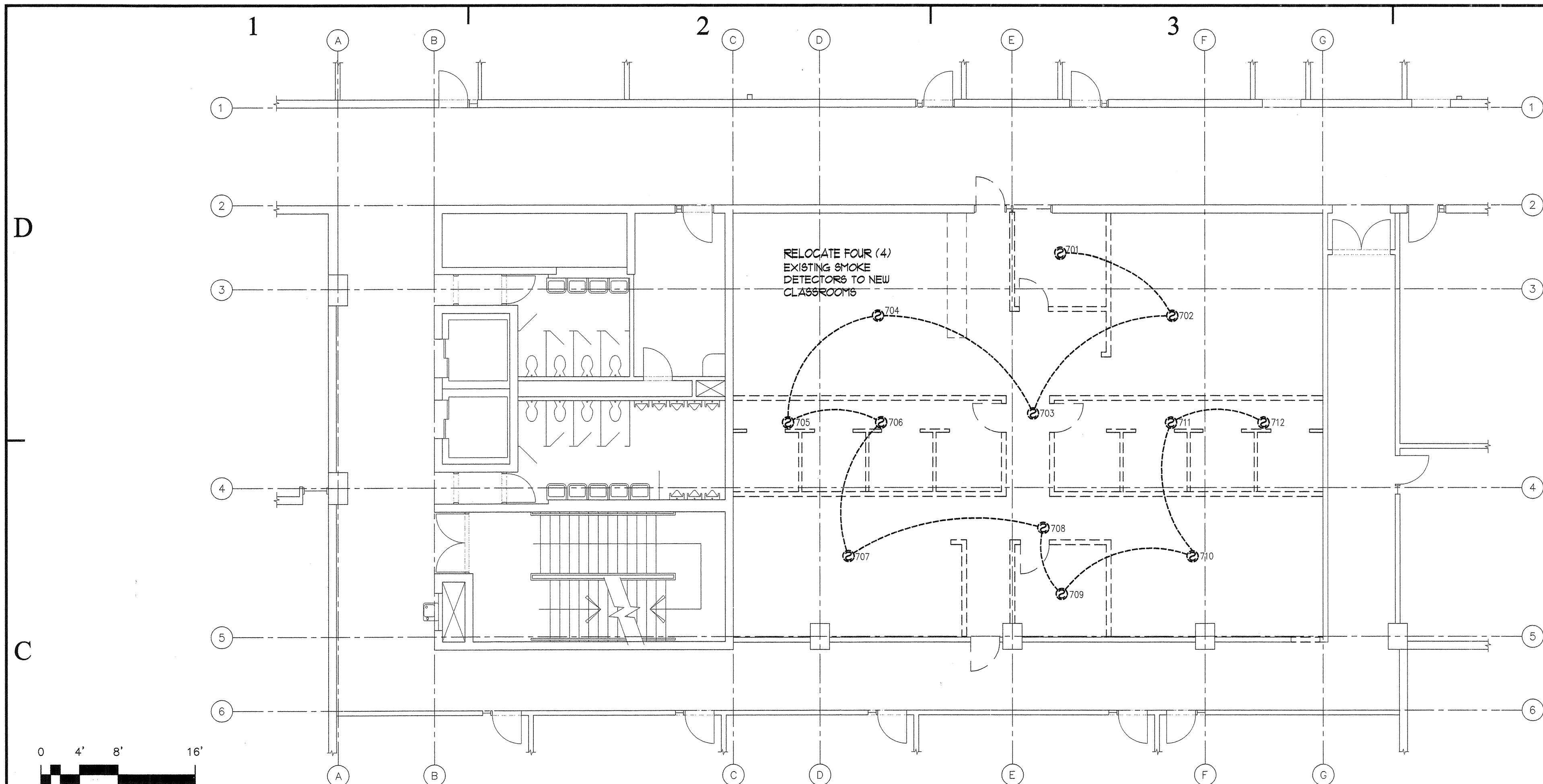
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ELECTRICAL DEMOLITION PLANS

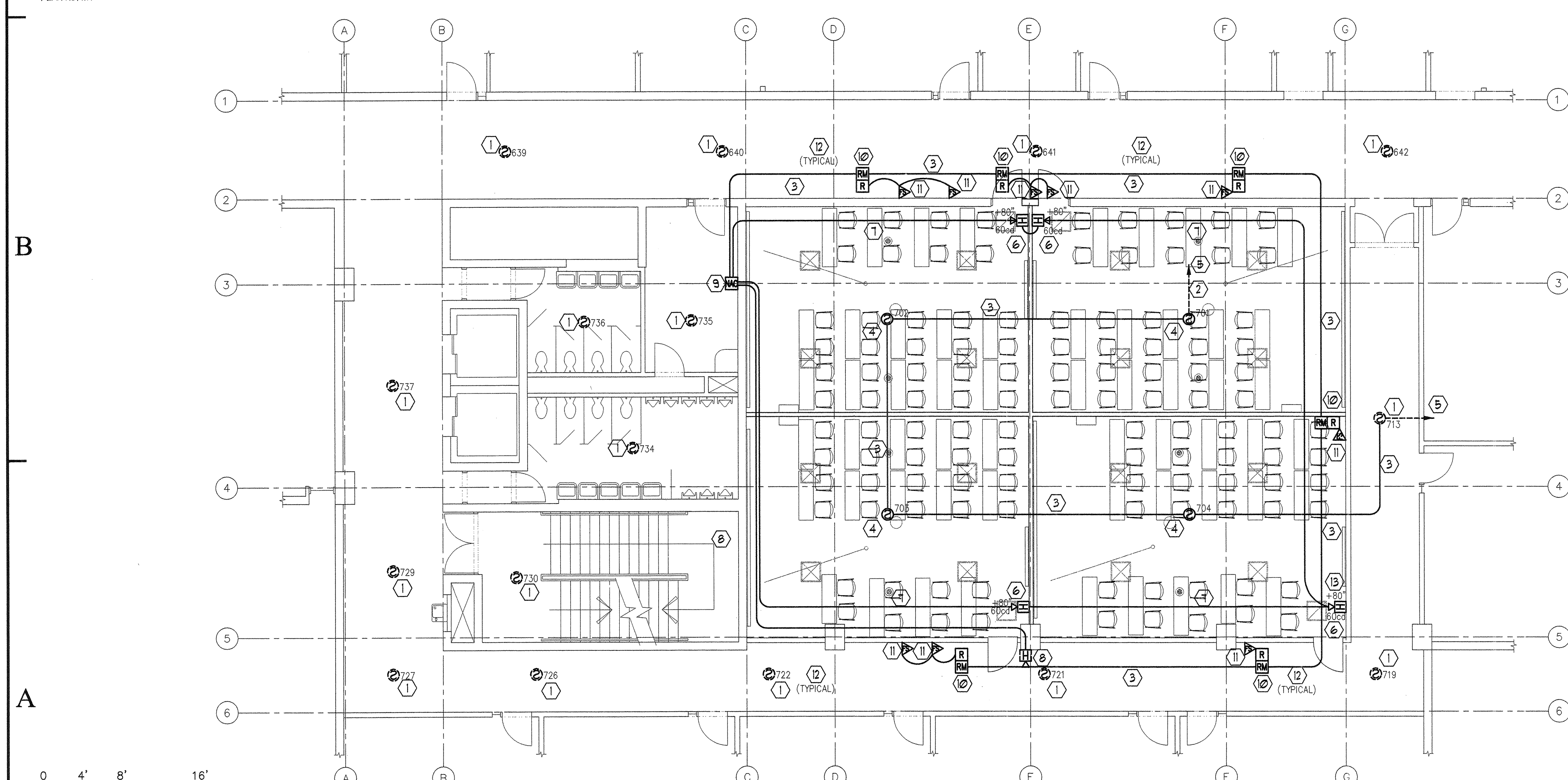
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FIRE ALARM DEMOLITION PLAN
 SCALE 1/8" = 1'-0"
 PLAN NORTH



NEW FIRE ALARM PLAN
 SCALE 1/8" = 1'-0"
 PLAN NORTH

GENERAL NOTES:

1. THE EXISTING BUILDING IS PROTECTED THROUGHOUT BY AN AUTOMATIC FIRE ALARM SYSTEM WHICH IS TO REMAIN OPERATIONAL THROUGHOUT THE CONSTRUCTION PERIOD.
2. SUBMIT REQUESTS FOR FIRE ALARM SYSTEM OUTAGES TO THE SLCC FACILITIES PROJECT MANAGER NOT LESS THAN 1 DAY PRIOR TO ANY PROPOSED FIRE ALARM OUTAGES. IMMEDIATELY NOTIFY THE SLCC FACILITIES PROJECT MANAGER IF THE FIRE ALARM IS UNINTENTIONALLY DISABLED AND IMMEDIATELY MAKE REPAIRS TO RESTORE THE SYSTEM TO AN OPERATIONAL CONDITION.
3. THE CONTRACTOR SHALL MAINTAIN A FIRE WATCH DURING ALL FIRE ALARM SYSTEM OUTAGES IN ACCORDANCE WITH IFC SECTION 901.1.
4. ANY WORK PERFORMED ON THE FIRE ALARM SYSTEM SHALL BE APPROVED IN ADVANCE BY THE FIRE ALARM SYSTEM FACTORY REPRESENTATIVE. CONTACT NELSON FIRE SYSTEMS AT (801) 468-8300.
5. PROTECT EXISTING SMOKE DETECTORS IN THE AREA OF CONSTRUCTION FROM EXCESSIVE DUST ACCUMULATION BY MEANS OF TEMPORARY DUST COVERS DURING DUST PRODUCING WORK OPERATIONS. REMOVE DUST COVERS IMMEDIATELY UPON COMPLETION OF DUST PRODUCING WORK.
6. CLEAN ALL EXISTING SMOKE DETECTORS AFFECTED BY CONSTRUCTION IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS UPON COMPLETION OF WORK AND PRIOR TO SUBSTANTIAL COMPLETION.
7. TEST ALL SMOKE DETECTORS AFTER CLEANING AND PRIOR TO SUBSTANTIAL COMPLETION. TESTING SHALL BE PERFORMED BY A FACTORY AUTHORIZED AND TRAINED TECHNICIAN OF THE FIRE ALARM SYSTEM MANUFACTURER. CONTACT NELSON FIRE SYSTEMS AT (801) 468-8300.

REFERENCE NOTES:

- ① EXISTING FIRE ALARM SYSTEM SMOKE DETECTOR TO REMAIN. SHOWN FOR REFERENCE ONLY.
- ② EXISTING FIRE ALARM SYSTEM SIGNAL LINE CIRCUIT (SLC) LOOP IN METAL CLAD CABLE TO REMAIN.
- ③ NEW SLC LOOP, #6 TWISTED PAIR METAL CLAD CABLE TO MATCH EXISTING FIRE ALARM SYSTEM WIRING. SUPPORT CABLE ABOVE NEW ACCESSIBLE CEILING IN ACCORDANCE WITH NEC 330.20.
- ④ RELOCATED SMOKE DETECTOR. PROVIDE NEW ADDRESS LABEL AS INDICATED.
- ⑤ EXISTING SLC LOOP TO EXISTING SMOKE DETECTORS TO REMAIN. PROVIDE NEW ADDRESS LABELS TO REFLECT CHANGE IN ADDRESS NUMBERS FROM #101 THROUGH END OF 100 LOOP (APPROXIMATELY #136).
- ⑥ PROVIDE NEW HORN/STROBE. PROVIDE NEW FLUSH MOUNTED OUTLET BOX.
- ⑦ NEW NOTIFICATION APPLIANCE CIRCUIT (NAC) LOOP, 2 #4 METAL CLAD CABLE TO MATCH EXISTING FIRE ALARM SYSTEM WIRING. CONNECT TO NEW NOTIFICATION APPLIANCE CIRCUIT (NAC) PANEL. FIELD VERIFY REQUIREMENTS. SUPPORT CABLE ABOVE NEW ACCESSIBLE CEILING IN ACCORDANCE WITH NEC 330.20.
- ⑧ EXISTING FIRE ALARM SYSTEM HORN/STROBE TO REMAIN. NEW NOTIFICATION APPLIANCE CIRCUIT (NAC) LOOP, 2 #4 METAL CLAD CABLE TO NEW NAC PANEL. CONNECT TO EXISTING NOTIFICATION APPLIANCE CIRCUIT. FIELD VERIFY REQUIREMENTS. SUPPORT CABLE ABOVE NEW ACCESSIBLE CEILING IN ACCORDANCE WITH NEC 330.20.
- ⑨ NEW NAC PANEL AS REQUIRED FOR NEW NOTIFICATIONS APPLIANCE CIRCUIT. CONNECT TO EXISTING NOTIFICATION APPLIANCE CIRCUIT. FIELD VERIFY REQUIREMENTS.
- ⑩ FIRE ALARM ADDRESSABLE RELAY MODULE PROVIDED. PROVIDE NEW CONTROL RELAY WITH MINIMUM 10 AMP MAKE/BREAK 120 VOLT CONTACTS AND 120 VAC COIL IN NEMA ENCLOSURE. INTERLOCK CONTROL RELAY WITH RELAY MODULE. COORDINATE REQUIREMENTS WITH FIRE ALARM CONTRACTOR.
- ⑪ FIRE/SMOKE DAMPER PROVIDED BY OTHERS. CONNECT DAMPER TO BRANCH CIRCUIT THROUGH CONTROL RELAY. COORDINATE REQUIREMENTS WITH FIRE ALARM AND MECHANICAL CONTRACTORS.
- ⑫ EXISTING PAINTED METAL PERFORATED PANEL CEILING SYSTEM. ELECTRICAL CONTRACTOR SHALL CLEAN AND REPLACE EXISTING METAL PANEL AS REQUIRED TO INSTALL NEW RACEWAYS. METAL PANELS SHALL BE PLACED IN PROPER ALIGNMENT.
- ⑬ INSTALL NEW DEVICE(S) ETC. IN EXISTING WALL. PATCH AND REPAIR WALL TO MATCH SURROUNDING FINISHES. COORDINATE WITH GENERAL CONTRACTOR.



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FIRE ALARM PLANS

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SHEET 17 OF 17

